

Fertilizer use by crop

Utilisation des engrais par culture

Utilización de fertilizantes por cultivo

Fourth edition
Quatrième édition
Cuarta edición



IFA

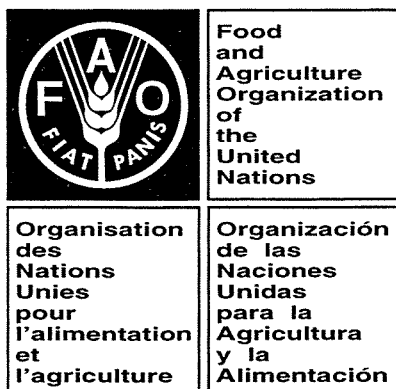
IFDC

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Quatrième édition
Cuarta edición**

**IFA – International Fertilizer Industry Association
Association internationale de l'industrie des engrais
Asociación Internacional de la Industria de los Fertilizantes**

**IFDC – International Fertilizer Development Center
Centre international de développement des engrais
Centro internacional de promoción de los fertilizantes**

**Food and Agriculture Organization of the United Nations
Organisation des Nations Unies pour l'alimentation et l'agriculture
Organización de las Naciones Unidas para la Agricultura y la Alimentación**

Rome, Roma, 1999

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INTRODUCTION

This is the fourth issue of the publication on ***Fertilizer Use by Crop*** produced jointly by the Food and Agriculture Organization of the United Nations (FAO), the International Fertilizer Development Centre (IFDC) and the International Fertilizer Industry Association (IFA). The first issue was published in 1992 and there after every alternate year.

The report generated a large amount of interest because of a lack of published information on application rates and use of fertilizer by crop. The information in this report is useful to agricultural researchers, fertilizer marketing managers, international agencies, policy makers and various government agencies. It is also very useful for the analysis of environment-related issues such as input-output balances of plant nutrients in soils. The response to these reports indicated that there was considerable need for this type of information. In order to broaden the scope of this study and to avoid discrepancies in the data, FAO, IFDC and IFA agreed to conduct similar surveys in 1998 and to issue another joint publication.

The data on fertilizer use by crop contained in this publication relate to the year ending 1996-97. Thus the publication contains data for the available last one year for each country covered in the survey. In order to broaden the coverage of the data and to avoid discrepancies, these data were compiled from the data collected by the FAO, IFDC and IFA through the following sources:

1. FAO questionnaires sent to member countries either through FAO Representatives or directly to government agencies;
2. IFDC questionnaires sent to contacts throughout the world, including agronomists, economists and other participants in various fertilizer training courses, professional meetings or other seminars conducted by IFDC;
3. IFA questionnaires sent mainly to industry members.

The three organizations held a joint meeting in Rome in March 1998 to review the data received and to select the data for publication. The published FAO statistics on country-wise total fertilizer consumption and crop areas were helpful and, in many cases, used as a guide to determine the reliability of the response. The data shown in this publication represent the consensus of the group. It is suggested that these data should be taken as to reflect the general magnitude rather than an exact measurement.

In this report attempt has been made to present data that make it clear whether application rates are the average for the entire crop area (fertilized and unfertilized) or the average for the area that is fertilized. Since data are estimated differently by various countries, it was not possible to adopt a uniform presentation for all countries and to provide a comprehensive global view. In a few countries where updates were not available, data from previous reports has been repeated to provide a more comprehensive picture. The main characteristics of these data are given below to facilitate their interpretation:

1. Only a very limited number of countries have government agencies that collect such data. In many cases coverage is restricted to a few major crops;
2. not all countries report data for the same year;
3. multicropping is practised in many countries which makes it difficult to quantify the amount used on each crop. Moreover, some countries made estimates for a group of crops (i.e., cereals) rather individual crops such as wheat and corn;
4. double cropping is practised in some of the countries. In many cases, most or all of the fertilizer is applied to one crop, but the fertilizer benefits both the crops.

Further, in order to have a better understanding of the total quantum of fertilizers consumed in each country, the estimates of the N, P_2O_5 and K_2O consumption made by FAO/World Bank/UNIDO and the Industry Working Group on Fertilizers are included. The sum of fertilizer use for all crops for a given country may be different from the estimates made independently by the Industry Working Group; the main reasons being the time lag between the estimates, rapid changes in the economic conditions (e.g. countries in East Europe and the former U.S.S.R.), inadequate data of fertilizer use by crop in many countries, annual variations and other factors that influence fertilizer demand.

This publication presents data for 101 countries on fertilizer use by crop expressed in plant nutrients for nitrogen (N), phosphate (P_2O_5) and potash (K_2O). Data on the application rates, total cultivated area, percentage of area fertilized and total consumption by individual crop are also shown.

FAO, IFDC and IFA gratefully acknowledge the assistance of all those who contributed to this publication and welcome suggestions from readers for further development and improvement.

DEFINITIONS USED IN THE TABLES

TOTAL AREA (1000 ha) refers to land cultivated with the crop listed only.

PERCENTAGE AREA FERTILIZED (% Fert.) refers to the proportion of total area under a certain crop receiving fertilizers.

RATE (kg/ha) refers to the amount of fertilizers applied to one hectare of a crop during a season (application rate).

AVERAGE (Aver. kg/ha) refers to national average application rate for the relevant crops.

CONSUMPTION (1000 Mt) refers to the amount of nutrient used on individual crop. The total fertilizer consumption for a given country was obtained by summing up quantities used on the crops listed only and will, therefore, differ from the total country' fertilizer use as shown in the FAO Fertilizer Yearbook.

Figures may not always add up to the totals given due to rounding.

INTRODUCTION

Cette quatrième édition de l'*Utilisation des engrais par culture* est publiée conjointement par l'Organisation des Nations Unies pour l'alimentation et l'agriculture (FAO), le Centre international de développement des engrais (IFDC) et l'Association internationale de l'industrie des engrais (IFA). La première édition a été publiée en 1992 et, depuis, tous les deux ans.

L'intérêt croissant rencontré par cette publication est dû, en partie, au manque de matériel publié sur le taux de demande et sur l'utilisation des engrais par culture. Les informations bénéficient aux chercheurs agricoles, aux commerciaux, aux agences internationales, aux décideurs politiques et, surtout, aux pays eux-mêmes. Elles sont aussi utiles par rapport aux débats concernant l'environnement, tels que les bilans apport-export d'éléments nutritifs dans les sols. L'accueil rencontré a montré le besoin de fournir ce type d'informations. Afin d'élargir le champ de cette étude et d'éviter des incohérences dans les données, la FAO, l'IFDC et l'IFA se sont mis d'accord pour mener des enquêtes similaires en 1998 et publier ensemble un seul document.

Dans cette publication, les données sur l'utilisation des engrais par culture se réfèrent à la période 1996-97. De ce fait, la publication contient des données sur la dernière année disponible pour chacun des pays couverts par l'enquête. Afin d'assurer une couverture complète et d'éviter des incohérences, les données ont été compilées à partir des données obtenues par la FAO, l'IFDC et l'IFA auprès des sources suivantes:

1. Le questionnaire de la FAO, envoyé aux pays membres soit par l'intermédiaire des représentants de la FAO, soit directement aux agences gouvernementales;
2. le questionnaire de l'IFDC, envoyé, à leurs contacts dans le monde, y compris aux participants aux sessions de formation dans le domaine des engrais ou aux congrès professionnels;
3. le questionnaire de l'IFA, envoyé principalement à ses membres de l'industrie des engrais.

Ces trois organisations se sont réunies à Rome en mars 1998 pour examiner et analyser les données reçues afin de les trier pour les publier. Les statistiques de la FAO déjà disponibles sur la consommation totale des engrais par pays et sur les superficies des cultures ont servi de guide à ce choix. Les données choisies représentent un consensus du groupe de travail. Ces données devraient être prises comme telles pour donner un aperçu général plutôt qu'une mesure exacte.

Dans ce rapport, nous avons essayé de présenter les données d'une manière claire et concise même si le pourcentage utilisé est soit la moyenne de l'entière surface cultivable (fertilisée ou non), soit la moyenne de la surface fertilisée. Vu que les estimations sont différentes d'un pays à l'autre, nous n'avons pas pu adopter une présentation uniforme pour tous les pays et fournir un aperçu global détaillé. Pour un

nombre restreint de pays, où il n'était pas possible de mettre à jour les données, nous nous sommes référés aux rapports précédents pour fournir une vue d'ensemble plus complète. Les principales caractéristiques de ces données sont mentionnées ci-dessous pour en faciliter leur interprétation:

1. Pour l'instant, seul un nombre limité d'agences gouvernementales compilent de telles données. Leur couverture se limite souvent à quelques cultures majeures;
2. certains pays n'ont pas fourni de données pour l'année de référence;
3. la technique de plusieurs cultures par an se pratique dans quelques pays rendant difficile la quantification des engrais utilisés par récolte. En outre, certains pays fournissent des estimations plutôt par groupes de récoltes (par exemple, les céréales) que par récolte individuelle (blé et maïs);
4. la technique de la double récolte annuelle se pratique dans certains pays. Souvent, la plupart ou la totalité des engrais est appliquée à une seule récolte mais bénéficie toutes les deux.

De plus, par souci de clarté concernant la quantité d'engrais consommée par pays, nous avons inclus ici l'estimation de la consommation de N, P_2O_5 , K_2O faite par la FAO/Banque Mondiale/ONUDI et le Groupe de travail sur l'industrie. La quantité d'engrais utilisée pour toutes les cultures, dans un pays déterminé, peut-être différente de l'estimation faite de manière indépendante par le Groupe de travail, à cause du retard dans les estimations, le rapide changement des conditions économiques (pays de l'Est, ex-URSS), l'insuffisance d'informations sur l'utilisation des engrais par culture, la variation annuelle et autres facteurs d'influence sur la demande d'engrais.

Ce document présente les données de 101 pays sur l'utilisation des engrais par culture, exprimées en terme d'éléments nutritifs pour l'azote (N), le phosphate (P_2O_5) et la potasse (K_2O). On y montre aussi les données sur les taux d'application, la surface totale récoltée, le pourcentage des surfaces fertilisées et le total de la consommation par culture.

La FAO, l'IFDC et l'IFA remercient vivement de leur collaboration tous ceux qui ont contribué à la publication de ce document et restent ouverts à toute suggestion de la part des lecteurs.

DEFINITIONS UTILISÉES DANS LES TABLEAUX

SUPERFICIE TOTALE (1000 ha), représente la superficie des terres cultivées seulement pour la culture en question.

POURCENTAGE DES TERRES FERTILISÉES (% Fert.), indique la proportion des terres enrichies par des engrais dans la superficie totale, consacrée à une culture donnée.

TAUX (Rate kg/ha), se rapporte à la quantité d'engrais utilisée sur un hectare pour une culture (taux d'application).

MOYENNE (Aver. kg/ha), se réfère à la moyenne nationale du taux appliqué pour les cultures en question.

CONSOMMATION (1000 Mt), représente la quantité d'éléments nutritifs utilisés pour chaque culture. La consommation totale d'engrais pour un pays donné est obtenue en ne totalisant que les quantités utilisées pour les cultures recensées et peuvent donc différer du total donné dans l'Annuaire des engrais de la FAO.

Les totaux qui figurent dans les tableaux ne correspondent pas toujours à la somme exacte de leurs éléments; ceci est dû au fait de l'arrondissement des montants individuels.

INTRODUCCIÓN

Esta es la cuarta edición de *Utilización de fertilizantes por cultivo*, publicada conjuntamente por la Organización de las Naciones Unidas para la Agricultura y la Alimentación (FAO), el Centro Internacional para el Desarrollo de los Fertilizantes (IFDC) y la Asociación Internacional de Industrias de Fertilizantes (IFA). La primera edición se publicó en 1992 y a partir de esa fecha, cada dos años.

Dichos documentos han sido acogidos favorablemente debido a la falta de información publicada sobre tasas de aplicación y uso total de fertilizantes por cultivo. Este tipo de información es muy útil para los investigadores agrícolas, los comerciantes de fertilizantes, las organizaciones internacionales y, en primer lugar, para los países mismos. Resulta útil también cuando se trata de analizar los problemas del medio ambiente como, por ejemplo, el efecto de los residuos de los nutrientes para cultivos en el terreno (balance insumo-producto). A fin de aumentar la amplitud del estudio y evitar discrepancias entre los datos, la FAO, el IFDC y la IFA acordaron llevar a cabo encuestas similares en 1998 y publicar un trabajo conjunto.

Los datos sobre la utilización de fertilizantes por cultivo de esta publicación se refieren al año 1996-97. Por consiguiente, la publicación contiene los datos del último año disponible para cada uno de los países cubiertos por la encuesta. A fin de aumentar la cobertura de los datos y evitar discrepancias, dichos datos han sido compilados por la FAO, el IFDC y la IFA a partir de las siguientes fuentes:

1. El cuestionario de la FAO enviado a los países miembros por medio de los Representantes de la FAO o directamente a las agencias gubernamentales;
2. el cuestionario del IFDC enviado a sus contactos distribuidos en todo el mundo, incluyendo agrónomos, economistas y otros participantes a cursos de capacitación sobre el uso de fertilizantes, congresos profesionales y otros seminarios organizados por el IFDC;
3. el cuestionario de la IFA enviado principalmente a las industrias pertenecientes a esta Asociación.

Las tres organizaciones mencionadas tuvieron una reunión conjunta en marzo de 1998 para examinar las informaciones recibidas y publicar una selección de datos de cada país. Las estadísticas publicadas por la FAO sobre el consumo total de fertilizantes y las superficies de cosecha fueron útiles para la realización del trabajo y, en muchos casos, se usaron como guía principal para determinar las estimaciones. Los datos publicados en este documento indican una aproximación de la utilización de fertilizantes en cada país y fueron obtenidos por consenso del grupo. Estos deben ser utilizados para reflejar una aproximación y no una medida exacta de la utilización de fertilizantes por país.

En este documento, se ha intentado presentar datos que indiquen con claridad cuándo las tasas de aplicación corresponden al promedio del área total de cultivo (con o sin fertilizantes) o cuándo las tasas de aplicación corresponden al promedio del área con fertilizantes. Como los criterios de estimación difieren de un país a otro, no ha sido posible adoptar una presentación de las estadísticas uniforme para todos los países y proveer un

amplio panorama general. En algunos países, donde no existen resultados recientes, se han utilizado datos de las publicaciones previas para proveer un panorama más detallado. Las características principales de estos datos se dan a continuación para facilitar su interpretación:

1. Solamente algunos pocos países han relevado este tipo de datos. En la mayoría de los casos, la cobertura se limita a algunos cultivos principales;
2. no todos los países presentan datos sobre la utilización de fertilizantes para el mismo año;
3. la técnica de varias cosechas anuales se practica en varios países, lo que dificulta la determinación de la cantidad de fertilizantes utilizada para cada cultivo. Además, algunos países producen una estimación para un grupo de cultivos (por ej., cereales) y no para cada cultivo individualmente (trigo y maíz);
4. la técnica de la doble cosecha se practica en varios países. En muchos casos, la mayoría o la totalidad de los fertilizantes se aplica a una sola cosecha, pero los fertilizantes benefician a las dos.

Además, para entender mejor la cantidad de fertilizantes utilizados por país, se incluyen las estimaciones de la utilización de N, P_2O_5 y K_2O , producidas por la FAO/Banco Mundial/UNIDO y el Grupo de Trabajo de Industrias de fertilizantes.

La suma del uso de fertilizantes para todos los cultivos en un país dado, puede ser diferente de la estimación obtenida independientemente por el Grupo de Trabajo. Las principales razones son: las diferencias de fechas, cambios rápidos en las condiciones económicas (e.g., países del Este Europeo y la ex-URSS), datos incorrectos sobre el uso de fertilizantes por cultivo en muchos países, variaciones anuales y otros factores que influyen en la demanda de fertilizantes.

Esta publicación muestra los datos para 101 países sobre la utilización de fertilizantes en los cultivos, expresados en nutrientes de las plantas en forma de Nitrógeno (N), Fosfatos (P_2O_5) y Potasa (K_2O); también muestra los datos sobre tasas de aplicación, superficie total cultivada, porcentaje de tierra fertilizada y consumo total de fertilizantes para cada producto.

La FAO, el IFDC y la IFA desean agradecer a todos los que han colaborado en la elaboración de este documento, cuyo alcance y calidad esperan ampliar y mejorar en el futuro. Se agradecerá también cualquiera sugerencia de los lectores con ese propósito.

DEFINICIONES EMPLEADAS EN LOS CUADROS

SUPERFICIE TOTAL (1000 ha), la superficie dedicada a cada cultivo.

PORCENTAJE DE SUPERFICIE FERTILIZADA (% Fert.), la parte de tierra cultivada bajo un cierto producto que ha sido fertilizada.

TASA (Rate kg/ha), la cantidad de fertilizante aplicada por hectárea cultivada (tasa de aplicación).

PROMEDIO (Aver. kg/ha), se refiere a la tasa de aplicación nacional promedio para los cultivos relevantes.

CONSUMO (1000 Mt), la cantidad de nutriente para cada cultivo. El consumo total de fertilizantes en un cierto país ha sido obtenido sumando las cantidades empleadas para los productos listados y por eso puede ser diferente del total de fertilizantes empleados en cada país publicado en el Anuario FAO de Fertilizantes.

La suma de las cifras parciales no siempre corresponde a los totales debido a los procedimientos de redondeo.

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Barley (Spring)
Maize
Millet
Oat
Rice
Rye
Sorghum
Wheat
Wheat (Winter)
Wheat (Spring)
Wheat (Durum)
Cereals (Other)

Roots and Tubers

Cassava
Potato
Potato (Sweet)
Taro (Cocoyam)
Yam
Roots and Tubers (Other)

Pulses

Bean
Chick pea
Lentil
Mung bean
Pea
Pulses (Other)

Fruits

Almond
Apple
Avocado
Banana
Berry
Cherry

LISTE DES CULTURES AGRICOLLES

Céréales

Orge
Orge d'hiver
Orge de printemps
Maïs
Millet
Avoine
Riz
Seigle
Sorgho
Blé
Blé d'hiver
Blé de printemps
Blé dur
Céréales (Autres)

Racines et Tubercules

Manioc
Pomme de Terre
Patate douce
Taro (Colocase)
Igname
Racines et Tubercules (Autres)

Légumineuses

Haricot
Pois chiche
Lentille
Haricot mungo
Pois
Légumineuses (Autres)

Fruits

Amande
Pomme
Avocat
Banane
Baie
Cerise

LISTA DE LOS CULTIVOS AGRICOLAS

Cereales

Cebada
Cebada de invierno
Cebada de primavera
Maíz
Mijo
Avena
Arroz
Centeno
Sorgo
Trigo
Trigo de invierno
Trigo de primavera
Trigo duro
Cereales (Otras)

Raíces y Tubérculos

Yuca
Patata
Batata (Camotes)
Taro (Colocasia)
Ñame
Raíces y Tubérculos (Otros)

Legumbres

Frijol
Garbanzo
Lenteja
Frijol mungo
Guisante
Legumbres (Otros)

Frutas

Almendra
Manzana
Aguacate
Banano
Baya
Cereza

LIST OF AGRICULTURAL CROPS

Citrus fruits
Lemon
Orange
Citrus (Other)
Date
Grape
Kiwi
Hazelnut
Mango
Mulberry
Nectarine
Melon
Nuts
Papaya
Peach
Pineapple
Pistachio
Plantain
Plum
Strawberry
Fruits (Other)

Oil crops

Castorbean
Coconut
Groundnut
Linseed
Oil Palm
Olive
Rapeseed
Safflower
Sesame
Soybean
Sunflower
Oil crops (Other)

Beverages, Sugar and Tobacco

Cocoa
Coffee
Ginger
Sugar Beet

LISTE DES CULTURES AGRICOLES

Agrumes
Citron
Orange
Agrumes (Autres)
Date
Raisin
Kiwi
Noisette
Mangue
Mûre
Nectarine
Melon
Noix
Papaye
Pêche
Ananas
Pistache
Plantain
Prune
Fraise
Fruits (Autres)

Oléagineux

Huile de ricin
Noix de coco
Arachide
Graine de lin
Palmier à huile
Olive
Colza
Carthame
Sésame
Soja
Tournesol
Oléagineux (Autres)

Boissons, Sucre et Tabac

Cacao
Café
Gingembre
Betterave à sucre

LISTA DE LOS CULTIVOS AGRICOLAS

Cítricos
Limón
Naranja
Cítricos (Otros)
Dátil
Uva
Kiwi
Avellana
Mango
Mora
Nectarina
Melón
Nueces
Papaya
Melocotón
Piña
Pistacho
Plátano
Ciruela
Fresa
Frutas (Otras)

Cultivos Oleaginosos

Ricino
Coco
Maní
Linaza
Palmera oleaginosa
Aceituna
Colza
Cártamo
Sésamo
Soja
Girasol
Cult. Oleaginosos (Otros)

Bebidas, Azúcar y Tabaco

Cacao
Café
Jengibre
Remolacha azucarera

**LIST OF
AGRICULTURAL CROPS**

Sugar cane
Tea
Tobacco
Beverages, sugar
and tobacco (Other)

Fibers

Cotton
Flax
Jute
Rubber
Fibers (Others)

Vegetables

Asparagus
Broccoli
Cabbage
Cantaloupe
Carrot
Cauliflower
Celery
Cucumber
Eggplant
French bean
Garlic
Hop
Lettuce
Onion
Pepper and chilli
Radish
Squash, pumpkin
Spinach
Tomato
Watermelon
Vegetables (Other)

Pasture & Fodder

Alfalfa
Stockbean
Clover & Mixtures
Fodder Crop

**LISTE DES CULTURES
AGRICOLES**

Canne à sucre
Thé
Tabac
Boissons, sucre et tabac
(Autres)

Fibres

Coton
Lin
Jute
Hévéa
Fibres (Autres)

Légumes

Asperge
Brocoli
Chou
Cantaloupe
Carotte
Chou-fleur
Céleri
Concombre
Aubergine
Haricot vert
Ail
Houblon
Laitue
Oignon
Poivre et piment
Radis
Courge
Épinard
Tomate
Pastèque
Légumes (Autres)

Prairie et fourrages

Luzerne
Fève
Trèfle et mélanges
Fourrage vert annuel

**LISTA DE LOS CULTIVOS
AGRICOLAS**

Caña de azúcar
Té
Tabaco
Bebidas, azúcar y tabaco
(Otras)

Fibras

Algodón
Lino
Yute
Caucho
Fibras (Otras)

Hortalizas

Esparraguera
Brécol
Cole
Cantalupo
Zanahoria
Coliflor
Apio
Pepinos
Berenjena
Judía verde
Ajo
Lúpulo
Lechuga
Cebolla
Pepino y pimienta
Rábano
Calabaza
Espinaca
Tomate
Sandía
Hortalizas (Otras)

Pastos y forrajes

Alfalfa
Haba menor
Trébol y mezclas
Cult. forrajero. verde anual

**LIST OF
AGRICULTURAL CROPS**

Fodder beet
Fodder Crop (Other)
Grassland (Other)
Grassland (Intensive)
Grassland (Moderate)
Grasslands & Pastures
Grasslands (Temporary)
Grasslands (Permanent)
Hay
Kale, cow cabbage
Maize (Green, silage)
Pasture & Fodder (Other)
Rough
Silage
Turnip (stockfeed)
Vetch

Forestry
Horticulture
Set Aside
Fallow
Other
**LISTE DES CULTURES
AGRICOLES**

Betterave fourragère
Fourrage (Autres)
Prairie (Autres)
Prairie (Intensive)
Prairie (Modérée)
Prairies
Prairies (Temporaires)
Prairies (Permanent)
Foin
Chou fourrager
Maïs fourrager
Prairie/Fourrage (Autres)
Prairies non fertilisées
Ensilage (Herbe)
Navet (fourrager)
Vesce

Forêts
Horticulture
Terres 'Gelées'
Jachère
Divers
**LISTA DE LOS CULTIVOS
AGRICOLAS**

Remolacha forrajera
Cultivos forrajero (Otros)
Pradera (Otras)
Pradera (Intensiva)
Pradera (Moderadas)
Praderas y pastos
Praderas (Temporales)
Praderas (Permanentes)
Heno
Col forrajera
Maíz forrajero
Pastos y forrajes (Otros)
Praderas no fertilizadas
Ensilaje
Navo (forrajero)
Veza

Bosques
Horticultura
**Tierras temporalmente
no utilizadas**
Barbecho
Otros

Albania	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996											
Wheat	127.0			39.4			7.9	5.0	1.0	0.0	6.0
Rye	3.0			36.0			3.0	0.1	0.0	0.0	0.1
Potato	12.0			62.0			25.0	0.7	0.3	0.0	1.0
Tobacco	6.0			18.0			9.0	0.1	0.1	0.0	0.1
Barley	2.0			12.0			4.0	0.0	0.0	0.0	0.0
Sunflower	1.0			71.0			29.0	0.1	0.0	0.0	0.1
Total	151.0							6.0	1.4	0.0	7.4
1996 Overall Consumption Estimate								6.0	1.0	0.0	7.0

Algeria	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1986														
Wheat	647.0	100.0	34.0		0.0	0.0		0.0	0.0		22.0	0.0	0.0	22.0
Wheat (Durum)	1000.0				100.0	46.0		0.0	0.0		0.0	46.0	0.0	46.0
Potato	96.0	100.0	210.0		100.0	180.0		100.0	180.0		20.2	17.3	17.3	54.7
Pulses	155.0	100.0	20.0		100.0	46.0		0.0	0.0		3.1	7.1	0.0	10.2
Citrus	45.0	100.0	250.0		100.0	80.0		100.0	100.0		11.3	3.6	4.5	19.4
Fruits/Others	34.0	100.0	100.0		100.0	80.0		100.0	100.0		3.4	2.7	3.4	9.5
Olive	165.0	10.0	40.0		10.0	44.0		10.0	55.0		0.7	0.7	0.9	2.3
Carrot	17.0	100.0	100.0		100.0	108.0		100.0	108.0		1.7	1.8	1.8	5.4
Garlic	6.0	100.0	100.0		100.0	72.0		100.0	72.0		0.6	0.4	0.4	1.5
Onion	25.0	100.0	137.0		100.0	108.0		100.0	108.0		3.4	2.7	2.7	8.8
Vegetable/Others	126.0	100.0	131.0		100.0	111.0		100.0	127.0		16.5	14.0	16.0	46.5
Pasture/Fodder	210.0				100.0	46.0		0.0	0.0		0.0	9.7	0.0	9.7
Others	26.0	100.0	66.0		100.0	100.0		100.0	125.0		1.7	2.6	3.3	7.6
Total	2552.0										84.5	108.7	50.3	243.5
1986 Overall Consumption Estimate											112.7	106.0	53.2	271.9

Angola	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1991														
Maize	855.0	8.0	23.4		8.0	16.1		8.0	16.1		1.6	1.1	1.1	3.8
Banana	30.0	20.0	67.0		20.0	22.0		20.0	112.0		0.4	0.1	0.7	1.2
Vegetables	5.0	80.0	67.0		80.0	22.0		80.0	112.0		0.3	0.1	0.4	0.8
Total	890.0										2.3	1.3	2.2	5.8
1991 Overall Consumption Estimate											2.3	2.3	2.3	6.9

Argentina			N		P ₂ O ₅		K ₂ O		Consumption (000Mt)						
Year 1997	Area (000Ha)		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	5646.0				48.7							275.0	120.3	0.0	395.2
Maize	3232.0				46.7							150.9	76.9	1.9	229.7
Oat	215.0				60.5							13.0	8.0	0.0	21.0
Rice	214.0				56.1							12.0	5.0	2.0	19.0
Sorghum	770.0				10.4							8.0	4.0	0.0	12.0
Sunflower	3620.0				2.8							10.1	5.1	0.0	15.2
Soybean	6638.0				1.4							9.3	9.3	0.0	18.5
Sugar cane	314.0				76.4							24.0	0.0	25.0	48.9
Vegetables	552.0				87.0							48.0	17.0	24.0	89.0
Total		21201.0										550.3	245.5	52.9	848.8
1997 Overall Consumption Estimate												476.4	322.6	30.6	829.6

Australia		N		P ₂ O ₅		K ₂ O		Consumption (000Mt)					
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Cereals	17214.0			32.0			28.4			550.8	488.9	3.4	1043.1
Pasture	31159.0			0.8			12.6			24.9	392.6	93.5	511.0
Horticulture	369.0			173.4			230.4			64.0	85.0	63.0	211.9
Cotton	400.0			120.0			12.5			48.0	5.0	0.0	53.0
Sugar cane	385.0			194.8			51.9			75.0	20.0	39.0	133.9
Oilseeds/Pulses	2676.0			5.4			26.9			14.5	72.0	4.0	90.4
Total										777.2	1063.5	202.9	2043.5
1996 Overall Consumption Estimate										824.6	985.3	206.0	2015.9

Austria	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996											
Wheat	260.0		115.0	30.0		35.0		29.9	7.8	9.1	46.8
Barley	261.0		95.0	28.0		32.0		24.8	7.3	8.4	40.5
Rye, oat, rice	139.0		70.0	24.0		28.0		9.7	3.3	3.9	17.0
Grain maize, incl. CCM	188.0		120.0	67.0		87.0		22.6	12.6	16.4	51.5
Potato	24.0		110.0	60.0		134.0		2.6	1.4	3.2	7.3
Sugar beet	53.0		85.0	60.0		114.0		4.5	3.2	6.0	13.7
Oilseed rape	55.0		125.0	62.0		81.0		6.9	3.4	4.5	14.7
Sunflower, soya, linseed	53.0		45.0	37.0		34.0		2.4	2.0	1.8	6.1
Pulses (peas, beans)	54.0		2.0	10.0		20.0		0.1	0.5	1.1	1.7
Vegetables	12.0		110.0	60.0		122.0		1.3	0.7	1.5	3.5
Fodder (legumes)	21.0		0.0	17.0		17.0		0.0	0.4	0.4	0.7
Fodder (others)	104.0		50.0	30.0		30.0		5.2	3.1	3.1	11.4
Silage maize	84.0		105.0	60.0		60.0		8.8	5.0	5.0	18.9
Others (incl. tobacco)	5.0		55.0	32.0		36.0		0.3	0.2	0.2	0.6
Perm. crops (fruit, vineyard)	69.0		36.0	18.0		18.0		2.5	1.2	1.2	5.0
Grassland fertilized	300.0		35.0	27.0		22.0		10.5	8.1	6.6	25.2
Set-aside, industrial crops	2.0		70.0	25.0		25.0		0.1	0.1	0.1	0.2
Total	1684.0							132.2	60.4	72.3	264.9
1996 Overall Consumption Estimate								112.6	54.1	63.2	229.9

Bahrain Year 1991	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Potato	3.0	100.0	300.0		100.0	200.0		100.0	200.0		0.9	0.6	0.6	2.1
Total	3.0										0.9	0.6	0.6	2.1
1991 Overall Consumption Estimate											0.3	0.2	0.2	0.7

Bangladesh		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year	1990		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Rice		10433.0	79.0	60.6		44.0	35.9		24.0	19.1	499.5	164.8	47.8	712.1	
Wheat		599.0	84.0	65.0		69.0	62.0		41.0	34.0	32.7	25.6	8.4	66.7	
Cereal/Others		112.0	30.0	12.0		28.0	10.0		3.0	17.0	0.4	0.3	0.1	0.8	
Potato		174.0	66.0	151.0		65.0	127.0		67.0	102.0	17.3	14.4	11.9	43.6	
Pulses		728.0	9.0	13.0		8.0	20.0		4.0	25.0	0.9	1.2	0.7	2.7	
Banana		39.0	51.0	133.0		49.0	138.0		50.0	133.0	2.6	2.6	2.6	7.9	
Oil crops		569.0	50.0	60.0		50.0	52.0		31.0	41.0	17.1	14.8	7.2	39.1	
Sugar cane		191.0	89.0	86.0		88.0	54.0		78.0	36.0	14.6	9.1	5.4	29.1	
Tobacco		38.0	89.0	59.0		89.0	105.0		88.0	70.0	2.0	3.6	2.3	7.9	
Jute		584.0	64.0	34.0		14.0	30.0		6.0	19.0	12.7	2.5	0.7	15.8	
Vegetables		172.0	73.0	58.0		66.0	34.0		33.0	39.0	7.3	3.9	2.2	13.4	
Spices		147.0	32.0	54.0		19.0	48.0		14.0	29.0	2.5	1.3	0.6	4.5	
Total		13786.0									609.6	243.9	89.8	943.4	
1990 Overall Consumption Estimate											609.2	231.8	90.0	931.0	

Belarus		Area (000Ha)	N		Aver. Kg/Ha	P ₂ O ₅		Aver. Kg/Ha	K ₂ O		Consumption (000Mt)			
Year	1996		% Fert	Rate Kg/Ha		% Fert	Rate Kg/Ha		% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Cereals		2447.0			47.0			20.0			115.0	48.9	168.8	332.8
Potato		26.0			41.0			40.0			1.1	1.0	2.9	5.0
Sugar beet		45.0			90.0			40.0			4.1	1.8	5.5	11.3
Pasture		2405.0			40.0			3.0			96.2	7.2	86.6	190.0
Total		4923.0									216.3	59.0	263.9	539.2
1996 Overall Consumption Estimate											260.0	65.0	422.0	747.0

Bel-Lux	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
Year 1996		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	Total
Wheat	205.0		150.0			20.0		30.8	4.1	48.2
Barley	58.0		110.0			20.0		6.4	1.2	11.3
Rye, oat, rice	31.0		90.0			20.0		2.8	0.6	5.3
Grain maize, incl. CCM	28.0		70.0			20.0		2.0	0.6	4.2
Potato	59.0		150.0			60.0		8.9	3.5	23.0
Sugar beet	96.0		120.0			60.0		11.5	5.8	32.6
Oilseed rape	5.5		150.0			60.0		0.8	0.3	2.0
Pulses (peas, beans)	3.5		20.0			60.0		0.1	0.2	0.6
Vegetables	33.0		110.0			60.0		3.6	2.0	8.3
Fodder (legumes)	11.0		150.0			0.0		1.7	0.0	1.7
Fodder (others)	14.0		35.0			0.0		0.5	0.0	0.5
Silage maize	204.0		85.0			20.0		17.3	4.1	31.6
Others (incl. tobacco)	14.0		20.0			20.0		0.3	0.3	0.8
Perm. crops (fruit, vineyard)	15.0		50.0			30.0		0.8	0.5	2.1
Grassland fertilized	570.0		148.0			40.0		84.4	22.8	141.4
Set-aside, industrial crops	1.0		20.0			0.0		0.0	0.0	0.0
Total	1347.0							171.7	45.9	313.5
1996 Overall Consumption Estimate								172.0	47.0	310.0

Benin	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
Year 1991		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	Total
Cotton	151.0		35.0			5.0		5.3	0.8	6.8
Total	151.0							5.3	0.8	6.8
1991 Overall Consumption Estimate								5.0	4.3	11.8

Bolivia	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
Year 1996		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	Total
Potato	130.2	98.8	25.0		98.8	40.0		3.2	5.1	8.4
Maize	280.3	7.1	11.0		0.0	0.0		0.2	0.0	0.2
Rice	112.9	9.3	20.0		9.3	2.0		0.2	0.0	0.2
Onion	6.2	41.3	50.0		41.3	15.0		0.1	0.0	0.1
Tomato	5.0	84.8	50.0		84.8	20.0		0.2	0.3	0.6
Total	534.6							4.7	5.5	9.5
1996 Overall Consumption Estimate								4.0	4.3	9.1

Brazil		Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)					
Year	1996		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total		
Year	1996	13888.0	76.0	35.0		76.0	36.0		76.0	36.0	369.4	380.0	380.0	1129.4
		3605.0	76.0	30.0		76.0	46.0		76.0	27.0	82.2	126.0	74.0	282.2
		1837.0	83.0	8.0		83.0	41.0		83.0	41.0	12.2	62.5	62.5	137.2
		181.0	88.0	93.0		88.0	324.0		88.0	185.0	14.8	51.6	29.5	95.9
		4939.0	68.0	11.0		68.0	21.0		68.0	12.0	36.9	70.5	40.3	147.7
		971.0	85.0	55.0		85.0	28.0		85.0	55.0	45.4	23.1	45.4	113.9
		11376.0	97.0	5.0		97.0	51.0		97.0	51.0	55.2	562.8	562.8	1180.8
		2021.0	84.0	97.0		84.0	24.0		84.0	97.0	164.7	40.7	164.7	370.1
		4902.0	95.0	70.0		95.0	56.0		95.0	95.0	326.0	260.8	442.4	1029.2
		682.0	85.0	26.0		85.0	49.0		85.0	49.0	15.1	28.4	28.4	71.9
Total		44402.0									1121.9	1606.5	1829.9	4558.2
1996 Overall Consumption Estimate											1197.4	1707.8	1941.3	4846.5

Bulgaria	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996														
Wheat	958.0			72.0			8.0			0.0	69.0	7.7	0.0	76.7
Barley	261.0			64.0			8.0			0.0	16.7	2.1	0.0	18.8
Maize	478.0			62.0			24.0			3.0	29.6	11.5	1.4	42.5
Sunflower	500.0			47.0			18.0			4.0	23.5	9.0	2.0	34.5
Sugar beet	9.0			72.0			8.0			2.0	0.6	0.1	0.0	0.7
1996 Overall Consumption Estimate	2206.0										139.5	30.3	3.5	173.3
											152.0	13.0	0.0	165.0

Burkina Faso		Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
Year	1991		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Cereals		2655.0			1.5			1.0	4.0	4.0	2.7	10.6
Groundnut		219.0			0.1			0.1	0.0	0.0	0.0	0.1
Cotton		161.0			25.0			10.0	4.0	3.2	1.6	8.9
Total		3035.0							8.0	7.2	4.3	19.5
1991 Overall Consumption Estimate									9.0	6.8	4.0	19.8

Cambodia	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1992											
Rice	1701.0			2.2		1.6		3.7	2.7	0.0	6.5
Total	1701.0							3.7	2.7	0.0	6.5
1992 Overall Consumption Estimate								5.0	1.5	0.1	6.6

Canada		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1993	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Barley	4240.0	85.0	60.0		85.0	25.0		85.0	10.0		216.2	90.1	36.0	342.4
Maize	993.0	90.0	150.0		90.0	50.0		90.0	95.0		134.1	44.7	84.9	263.6
Oat	1357.0	60.0	45.0		60.0	20.0		60.0	5.0		36.6	16.3	4.1	57.0
Rye	159.0	60.0	40.0		60.0	20.0		60.0	5.0		3.8	1.9	0.5	6.2
Wheat	12626.0	80.0	45.0		80.0	25.0		80.0	5.0		454.5	252.5	50.5	757.6
Potato	126.0	95.0	100.0		95.0	130.0		95.0	70.0		12.0	15.6	8.4	35.9
Rapeseed	4063.0	95.0	65.0		95.0	20.0		95.0	15.0		250.9	77.2	57.9	386.0
Soybean	720.0	95.0	10.0		95.0	35.0		95.0	110.0		6.8	23.9	75.2	106.0
Flax	501.0	75.0	60.0		75.0	20.0		75.0	5.0		22.5	7.5	1.9	31.9
Others	8056.0	35.0	25.0		35.0	20.0		35.0	5.0		70.5	56.4	14.1	141.0
Total	32841.0										1208.0	586.1	333.5	2127.6
1993 Overall Consumption Estimate											1425.9	636.8	316.5	2379.2

Chile		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1991														
Maize	110.0	100.0	250.0		100.0	100.0		100.0	25.0		27.5	11.0	2.8	41.3
Oat	71.0	100.0	70.0		100.0	65.0		100.0	5.0		5.0	4.6	0.0	9.6
Wheat	507.0	100.0	95.0		100.0	80.0		100.0	50.0		48.2	40.6	2.5	91.3
Potato	63.0	100.0	100.0		100.0	110.0		100.0	55.0		6.3	6.9	3.5	16.7
Fruits	194.0	100.0	110.0		100.0	20.0		100.0	70.0		21.3	3.9	13.6	38.8
Grape	59.0	100.0	65.0		100.0	25.0		100.0	40.0		3.8	1.5	2.4	7.7
Rapeseed	34.0	100.0	130.0		100.0	150.0		100.0	20.0		4.4	5.1	0.7	10.2
Sugar beet	49.0	100.0	200.0		100.0	250.0		100.0	90.0		9.8	12.3	4.4	26.5
Vegetables	80.0	100.0	100.0		100.0	60.0		100.0	35.0		8.0	4.8	2.8	15.6
Grassland/Pasture	773.0	100.0	14.6		100.0	25.0		100.0	3.0		11.3	19.3	2.3	32.9
Others	185.0	100.0	63.7		100.0	46.8		100.0	4.0		11.8	8.7	0.7	21.2
Total	2125.0										157.4	118.6	35.6	311.6
1991 Overall Consumption Estimate											157.4	111.6	37.0	306.0

China	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1994														
Wheat	28980.7	100.0	120.0		98.0	85.0		10.0	32.0		3477.7	2414.1	92.7	5984.5
Rice	30171.5	100.0	145.0		90.0	60.0		60.0	40.0		4374.9	1629.3	724.1	6728.2
Maize	21152.3	100.0	130.0		50.0	40.0		35.0	40.0		2749.8	423.0	296.1	3469.0
Millet	1672.0	90.0	65.0		60.0	25.0		0.0	0.0		97.8	25.1	0.0	122.9
Sorghum	1368.0	100.0	90.0		40.0	30.0		0.0	0.0		123.1	16.4	0.0	139.5
Potato	3207.6	100.0	125.0		95.0	55.0		40.0	75.0		401.0	167.6	96.2	664.8
Pulses	3514.3	90.0	55.0		80.0	80.0		30.0	50.0		174.0	224.9	52.7	451.6
Soybean	9221.9	98.0	60.0		90.0	70.0		40.0	30.0		542.2	581.0	110.7	1233.9
Groundnut	3775.7	100.0	75.0		90.0	65.0		60.0	40.0		283.2	220.9	90.6	594.7
Sunflower	804.9	100.0	80.0		60.0	30.0		2.0	50.0		64.4	14.5	0.8	79.7
Rapeseed	5783.2	100.0	125.0		95.0	60.0		50.0	50.0		722.9	329.6	144.6	1197.1
Sesame	689.9	100.0	95.0		60.0	40.0		20.0	30.0		65.5	16.6	4.1	86.2
Linseed	667.8	95.0	65.0		80.0	40.0		5.0	30.0		41.2	21.4	1.0	63.6
Cotton/Seed	5528.0	100.0	120.0		90.0	70.0		45.0	25.0		663.4	348.3	62.2	1073.8
Vegetables	8920.7	90.0	150.0		70.0	75.0		50.0	40.0		1204.3	468.3	178.4	1851.0
Watermelon	867.2	100.0	160.0		90.0	90.0		95.0	65.0		138.8	70.2	53.5	262.5
Cantaloupe/Others	168.5	100.0	100.0		80.0	50.0		85.0	55.0		16.9	6.7	7.9	31.5
Grape	148.9	100.0	150.0		100.0	90.0		70.0	65.0		22.3	13.4	6.8	42.5
Pear	750.1	100.0	120.0		100.0	75.0		65.0	65.0		90.0	56.3	31.7	178.0
Apple	2690.2	100.0	140.0		90.0	70.0		60.0	45.0		376.6	169.5	72.6	618.7
Citrus	1123.9	100.0	150.0		85.0	80.0		90.0	45.0		168.6	76.4	45.5	290.5
Banana	150.8	100.0	220.0		90.0	85.0		100.0	110.0		33.2	11.5	16.6	61.3
Sugar cane	1056.5	100.0	150.0		100.0	75.0		100.0	65.0		158.5	79.2	68.7	306.4
Sugar beet	698.4	100.0	120.0		100.0	65.0		55.0	35.0		83.8	45.4	13.4	142.6
Tea	1134.6	100.0	130.0		85.0	50.0		70.0	35.0		147.5	48.2	27.8	223.5
Tobacco	1489.8	100.0	100.0		80.0	75.0		95.0	70.0		149.0	89.4	99.1	337.4
Flax	92.5	100.0	55.0		75.0	40.0		15.0	25.0		5.1	2.8	0.3	8.2
Jute/Kenaf	175.7	100.0	100.0		90.0	65.0		80.0	30.0		17.6	10.3	4.2	32.1
Rubber	587.1	100.0	60.0		95.0	45.0		70.0	40.0		35.2	25.1	16.4	76.8
Barley	1400.0	100.0	80.0		95.0	35.0		45.0	25.0		112.0	46.6	15.8	174.3
Rye	500.0	100.0	80.0		65.0	25.0		10.0	20.0		40.0	8.1	1.0	49.1
Oat	400.0	100.0	65.0		70.0	18.0		10.0	20.0		26.0	5.0	0.8	31.8
Potato/Sweet	6511.0	100.0	125.0		80.0	50.0		80.0	75.0		813.9	260.4	390.7	1465.0
Cassava	231.0	90.0	95.0		50.0	45.0		55.0	30.0		19.8	5.2	3.8	28.8
Taro	83.0	100.0	160.0		80.0	80.0		70.0	80.0		13.3	5.3	4.6	23.2
Castor bean	243.0	75.0	60.0		40.0	40.0		10.0	25.0		10.9	3.9	0.6	15.4
Others	11171.5			120.0			18.5			2.5	1340.6	206.7	27.9	1575.2
Total	157132.2										18804.7	8146.6	2764.2	29715.5
1994 Overall Consumption Estimate											18816.0	7255.0	2248.0	28319.0

Colombia	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1993										
Maize	789.0	20.0	80.0		20.0	100.0		12.6	15.8	4.7
Rice	427.0	85.0	200.0		85.0	80.0		72.6	29.0	25.4
Sorghum	209.0	100.0	100.0		100.0	100.0		20.9	20.9	10.5
Potato	175.0	100.0	100.0		100.0	200.0		17.5	35.0	17.5
Banana	43.0	100.0	300.0		100.0	50.0		12.9	2.2	17.2
Oil palm	114.0	100.0	100.0		100.0	30.0		11.4	3.4	22.8
Coffee	1007.0	40.0	200.0		40.0	40.0		80.6	16.1	60.4
Sugar cane	149.0	70.0	100.0		70.0	100.0		10.4	10.4	15.6
Cotton	111.0	80.0	100.0		80.0	60.0		8.9	5.3	4.4
1993 Overall Consumption Estimate	Total 3024.0							247.8	138.2	178.6
								251.9	112.6	150.4

Costa Rica	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1991										
Maize	60.0	40.0	60.0		40.0	20.0		1.4	0.5	0.5
Rice	40.0	85.0	120.0		85.0	40.0		4.1	1.4	0.9
Sorghum	5.0	60.0	80.0		60.0	30.0		0.2	0.1	0.1
Potato	3.0	100.0	200.0		100.0	500.0		0.6	1.5	0.6
Bean	50.0	10.0	25.0		10.0	25.0		0.1	0.1	0.1
Banana	29.0	100.0	500.0		100.0	100.0		14.5	2.9	17.4
Pineapple	6.0	80.0	300.0		80.0	100.0		1.4	0.5	2.4
Fruits/Others	16.0	40.0	150.0		40.0	75.0		1.0	0.5	0.5
Oil palm	25.0	100.0	50.0		100.0	100.0		1.3	0.0	2.5
Cocoa	10.0	30.0	100.0		30.0	50.0		0.3	0.2	0.2
Coffee	105.0	80.0	200.0		80.0	100.0		16.8	4.2	8.4
Sugar cane	40.0	80.0	100.0		80.0	50.0		3.2	1.6	1.6
Tobacco	1.0	100.0	200.0		100.0	400.0		0.2	0.4	0.4
Cotton	1.0	70.0	200.0		70.0	120.0		0.1	0.1	0.1
Vegetables	9.0	100.0	200.0		100.0	200.0		1.8	1.8	1.8
1991 Overall Consumption Estimate	Total 400.0							47.1	15.6	37.4
								62.4	16.0	38.0

Côte d'Ivoire		Area (000Ha)		N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
Year 1994				% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Rice		624.0		40.0	49.5		40.0	24.0		12.4	6.0	24.3
Banana		6.1		50.0	184.0			576.0		0.6	0.0	2.3
Oil palm		142.7		15.0	71.5		15.0	100.1		1.5	2.1	6.7
Sugar cane		18.1		70.0	115.0		70.0	69.0		1.5	0.9	4.6
Cotton		242.4		60.0	43.0		60.0	36.0		6.3	5.2	16.7
Maize		1008.0		11.0	66.0		11.0	36.0		7.3	4.0	15.3
Total		2041.3								29.5	18.2	70.0
1994 Overall Consumption Estimate										34.0	16.0	65.0

Croatia		Area (000Ha)		N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
Year 1995				% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Barley		33.0			30.3					1.0	3.3	7.6
Maize		357.9			129.9					46.5	16.1	79.1
Oat		16.4			30.5					0.5	0.7	1.9
Wheat		228.8			120.2					27.5	9.2	47.5
Potato		67.7			80.3					5.4	3.4	14.3
Rapeseed		11.5			78.3					0.9	0.7	2.5
Soybean		15.2			32.9					0.5	1.2	3.2
Sunflower		19.4			82.5					1.6	1.6	4.8
Sugar beet		19.2			98.9					1.9	1.5	5.1
Tobacco		6.7			14.9					0.1	0.5	1.5
Total		775.8								85.9	38.2	167.5
1995 Overall Consumption Estimate										93.2	40.5	180.8

Cyprus		Area (000Ha)		N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
Year 1994				% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Barley		60.0			50.0					3.0	2.0	5.0
Potato		7.5			320.0					2.4	1.5	4.1
Fruits/Vegetables		3.0			280.0					0.8	0.7	1.9
Grape		18.0			27.0					0.5	0.3	0.8
Citrus fruits		7.0			91.0					0.6	0.4	1.2
Forestry		3.0			67.0					0.2	0.1	0.4
Total		98.5								7.6	5.0	13.5
1994 Overall Consumption Estimate										14.4	9.9	26.3

Czech Republic		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996			% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat/Winter		801.0		120.0			26.0			24.0		96.1	20.8	19.2	136.2
Barley/Summer		603.0		60.0			19.0			12.0		36.2	11.5	7.2	54.9
Rapeseed/Winter		229.0		140.0			33.0			26.0		32.1	7.6	6.0	45.6
Sugar beet		104.0		105.0			40.0			42.0		10.9	4.2	4.4	19.4
Potato		87.0		90.0			32.0			36.0		7.8	2.8	3.1	13.7
Total		1824.0										183.1	46.8	39.9	269.8
1996 Overall Consumption Estimate												262.3	50.0	34.0	346.3

Denmark		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996			% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat		689.0		137.0	23.0			45.0			94.4	15.8	31.0	141.2	
Barley		747.0		80.0	20.0			34.0			59.8	14.9	25.4	100.1	
Rye, oat, rice		131.0		73.0	18.0			31.0			9.6	2.4	4.1	16.0	
Potato		38.0		125.0	37.0			87.0			4.8	1.4	3.3	9.5	
Sugar beet		68.0		110.0	38.0			60.0			7.5	2.6	4.1	14.1	
Oilseed rape		96.0		140.0	23.0			50.0			13.4	2.2	4.8	20.4	
Sunflower, soya, linseed		4.0		80.0	10.0			50.0			0.3	0.0	0.2	0.6	
Pulses (peas, beans)		97.0		0.0	18.0			60.0			0.0	1.7	5.8	7.6	
Vegetables		16.0		142.0	30.0			50.0			3.4	0.7	1.2	5.3	
Fodder (legumes)		101.0		105.0	14.0			45.0			10.6	1.4	4.5	16.6	
Fodder (others)		217.0		183.0	14.0			45.0			39.7	3.0	9.8	52.5	
Silage maize		45.0		78.0	25.0			25.0			3.5	1.1	1.1	5.8	
Others (incl. tobacco)		64.0		90.0	20.0			35.0			5.8	1.3	2.2	9.3	
Grassland fertilized		160.0		190.0	19.0			36.0			30.4	3.0	5.8	39.2	
Set-aside, industrial crops		11.0		130.0	22.0			60.0			1.4	0.2	0.7	2.3	
Fertilized forests		5.0		25.0	20.0			40.0			0.1	0.1	0.2	0.4	
Total		2489.0									284.7	52.1	104.2	440.9	
1996 Overall Consumption Estimate											288.0	53.0	96.0	437.0	

Dominican Rep		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Rice	98.0	98.0	135.0		98.0	50.0		98.0	80.0		13.0	4.8	7.7	25.5
Maize	20.0	30.0	80.0		30.0	60.0		30.0	60.0		0.5	0.4	0.4	1.2
Sorghum	10.0	35.0	80.0		35.0	60.0		35.0	60.0		0.3	0.2	0.2	0.7
Cassava	3.5	15.0	50.0		15.0	50.0		15.0	50.0		0.0	0.0	0.0	0.1
Potato	5.5	98.0	150.0		98.0	70.0		98.0	120.0		0.8	0.4	0.6	1.8
Yam	2.4	85.0	80.0		85.0	50.0		85.0	80.0		0.2	0.1	0.2	0.4
Potato/Sweet	6.5	10.0	60.0		10.0	40.0		10.0	40.0		0.0	0.0	0.0	0.1
Bean	55.0	75.0	90.0		75.0	60.0		75.0	60.0		3.7	2.5	2.5	8.7
Sugar cane	250.0	60.0	80.0		60.0	60.0		60.0	80.0		12.0	9.0	12.0	33.0
Sugar beet	0.6	90.0	100.0		90.0	80.0		90.0	80.0		0.1	0.0	0.0	0.1
Coffee	150.0	20.0	80.0		20.0	40.0		20.0	80.0		2.4	1.2	2.4	6.0
Cocoa	115.0	10.0	40.0		10.0	40.0		20.0	80.0		0.5	0.5	1.8	2.8
Coconut	15.5	20.0	40.0		10.0	40.0		10.0	40.0		0.1	0.1	0.1	0.2
Oil palm	6.0	100.0	120.0		100.0	80.0		100.0	100.0		0.7	0.5	0.6	1.8
Tobacco	27.0	90.0	100.0		90.0	80.0		90.0	125.0		2.4	1.9	3.0	7.4
Banana	5.0	50.0	80.0		50.0	50.0		50.0	120.0		0.2	0.1	0.3	0.6
Plantain	25.0	45.0	100.0		45.0	80.0		45.0	100.0		1.1	0.9	1.1	3.2
Pineapple	2.5	95.0	100.0		95.0	80.0		95.0	100.0		0.2	0.2	0.2	0.7
Avocado	4.6	90.0	80.0		90.0	80.0		90.0	80.0		0.3	0.3	0.3	1.0
Citrus	25.0	85.0	100.0		85.0	80.0		85.0	80.0		2.1	1.7	1.7	5.5
Grape	1.1	90.0	100.0		90.0	70.0		90.0	100.0		0.1	0.1	0.1	0.3
Mango	2.9	85.0	100.0		85.0	60.0		85.0	60.0		0.2	0.1	0.1	0.5
Melon	1.5	95.0	120.0		95.0	65.0		95.0	100.0		0.2	0.1	0.1	0.4
Papaya	0.6	90.0	100.0		90.0	80.0		90.0	80.0		0.1	0.0	0.0	0.1
Cabbage	1.0	90.0	100.0		90.0	80.0		90.0	100.0		0.1	0.1	0.1	0.3
Garlic	2.0	100.0	140.0		100.0	100.0		100.0	100.0		0.3	0.2	0.2	0.7
Onion	6.5	90.0	100.0		90.0	80.0		90.0	100.0		0.6	0.5	0.6	1.6
Pepper	3.0	90.0	100.0		90.0	80.0		90.0	100.0		0.3	0.2	0.3	0.8
Tomato	12.5	95.0	135.0		95.0	90.0		95.0	110.0		1.6	1.1	1.3	4.0
Grassland/Intensive	128.0	10.0	80.0		10.0	40.0		10.0	60.0		1.0	0.5	0.8	2.3
Watermelon	1.0	90.0	120.0		95.0	90.0		95.0	110.0		0.1	0.1	0.1	0.3
Total	987.2										45.2	27.8	39.0	112.0
1996 Overall Consumption Estimate											50.0	23.0	27.0	100.0

Ecuador	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1995														
Barley	45.0	5.0	80.0		5.0	20.0		5.0	60.0		0.2	0.0	0.1	0.4
Maize	320.0	60.0	120.0		60.0	40.0		60.0	40.0		23.0	7.7	7.7	38.4
Rice	356.0	60.0	100.0		60.0	40.0		60.0	30.0		21.4	8.5	6.4	36.3
Wheat	35.0	5.0	80.0		5.0	20.0		5.0	30.0		0.1	0.0	0.1	0.2
Cassava	20.0	10.0	20.0		10.0	20.0		10.0	20.0		0.0	0.0	0.0	0.1
Potato	57.0	60.0	200.0		60.0	250.0		60.0	100.0		6.8	8.6	3.4	18.8
Banana	110.0	70.0	300.0		70.0	20.0		70.0	400.0		23.1	1.5	30.8	55.4
Oil Palm	70.0	70.0	80.0		80.0	20.0		80.0	60.0		3.9	1.1	3.4	8.4
Soybean	81.0	50.0	10.0		50.0	20.0		50.0	20.0		0.4	0.8	0.8	2.0
Cocoa	310.0	5.0	80.0		5.0	15.0		5.0	60.0		1.2	0.2	0.9	2.4
Coffee	380.0	5.0	80.0		5.0	20.0		5.0	40.0		1.5	0.4	0.8	2.7
Sugar cane	45.0	70.0	70.0		70.0	20.0		70.0	100.0		2.2	0.6	3.2	6.0
Cotton	20.0	50.0	100.0		50.0	20.0		50.0	30.0		1.0	0.2	0.3	1.5
Total	1849.0										85.0	29.8	57.8	172.6
1995 Overall Consumption Estimate											90.5	20.6	21.5	132.6

Egypt Year 1997	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	1044.5	100.0	169.0		100.0	35.7		100.0	0.0		176.5	37.3	0.0	213.8
Rice	651.3	100.0	119.0		100.0	35.7		100.0	0.0		77.5	23.3	0.0	100.8
Maize	814.3	100.0	233.2		100.0	35.7		100.0	0.0		189.9	29.1	0.0	219.0
Barley	57.6	100.0	107.1		100.0	35.7		100.0	57.1		6.2	2.1	3.3	11.5
Bean	149.2	100.0	35.7		100.0	71.4		100.0	57.1		5.3	10.7	8.5	24.5
Lentil	3.8	100.0	35.7		100.0	71.4		100.0	57.1		0.1	0.3	0.2	0.6
Peanut	42.9	100.0	71.4		100.0	35.7		100.0	57.1		3.1	1.5	2.4	7.0
Soybean	13.4	100.0	107.1		100.0	53.6		100.0	57.1		1.4	0.7	0.8	2.9
Sunflower	11.8	100.0	107.1		100.0	53.6		100.0	57.1		1.3	0.6	0.7	2.6
Sesame	28.2	100.0	90.4		100.0	77.4		100.0	57.1		1.1	0.9	0.7	2.6
Sugar cane	122.3	100.0	80.0		100.0	20.0		100.0	0.0		9.8	2.4	0.0	12.2
Sugar beet	26.9	100.0	23.0		100.0	8.0		100.0	114.2		0.6	0.2	3.1	3.9
Cotton	360.9	100.0	53.6		100.0	57.1		100.0	57.1		19.3	20.6	20.6	60.6
Flax	8.8	100.0	107.1		100.0	35.7		100.0	0.0		0.9	0.3	0.0	1.3
Mango	29.0	100.0	226.1		100.0	61.9		100.0	85.7		6.6	1.8	2.5	10.8
Peach	38.7	100.0	214.2		100.0	53.6		100.0	57.1		8.3	2.1	2.2	12.6
Watermelon	62.6	100.0	130.9		100.0	53.6		100.0	57.1		8.2	3.4	3.6	15.1
Orange	90.8	100.0	266.6		100.0	61.9		100.0	85.7		24.2	5.6	7.8	37.6
Apple	29.4	100.0	178.5		100.0	61.9		100.0	85.7		5.3	1.8	2.5	9.6
Grape	56.7	100.0	209.4		100.0	90.4		100.0	83.3		11.9	5.1	4.7	21.7
Banana	18.5	100.0	1071.0		100.0	214.2		100.0	228.5		19.8	4.0	4.2	28.0
Pepper	25.6	100.0	249.9		100.0	53.6		100.0	57.1		6.4	1.4	1.5	9.2
Tomato	168.5	100.0	297.5		100.0	107.1		100.0	114.2		50.1	18.0	19.2	87.4
Garlic	7.1	100.0	161.8		100.0	71.4		100.0	85.7		1.2	0.5	0.6	2.3
Squash	30.7	100.0	130.9		100.0	53.6		100.0	57.1		4.0	1.6	1.8	7.4
Cucumber	22.7	100.0	130.9		100.0	53.6		100.0	57.1		3.0	1.2	1.3	5.5
Carrot	5.0	100.0	130.9		100.0	53.6		100.0	57.1		0.7	0.3	0.3	1.2
Potato	82.4	100.0	297.5		100.0	142.8		100.0	114.2		24.5	11.8	9.4	45.7
Onion	25.6	100.0	257.0		100.0	71.4		100.0	85.7		6.6	1.8	2.2	10.6
Cabbage	17.2	100.0	130.9		100.0	53.6		100.0	57.1		2.3	0.9	1.0	4.2
Clover	666.4	100.0	35.7		100.0	45.2		100.0	0.0		23.8	30.1	0.0	53.9
Total	4712.6										699.7	221.4	105.0	1026.1
1997 Overall Consumption Estimate											1000.0	125.0	34.0	1159.0

Estonia	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1991											
Cereals	448.0			92.0			68.0	41.2	30.5	48.4	120.1
Potato	44.7			93.0			103.0	4.2	4.6	6.3	15.0
Fruits	1.0			135.0			59.0	0.1	0.1	0.1	0.3
Rapeseed	2.7			89.0			84.0	0.2	0.2	0.5	1.0
Flax	1.0			40.0			10.0	0.0	0.0	0.9	1.0
Vegetables	2.0			187.0			129.0	0.4	0.3	0.3	0.9
Pasture/Fodder	371.0			89.0			54.0	33.0	20.0	32.6	85.7
Total	870.4							79.2	55.7	89.1	224.0
1991 Overall Consumption Estimate								118.0	67.0	103.0	288.0

Ethiopia	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1995														
Barley	880.0			8.5			17.0				7.5	15.0	0.0	22.4
Maize	1100.0			6.8			13.6				7.5	15.0	0.0	22.4
Wheat	770.0			13.0			26.0				10.0	20.0	0.0	30.0
Teff	1900.0			12.1			23.7				23.0	45.0	0.0	68.0
Pulses	880.0			1.1			2.8				1.0	2.5	0.0	3.4
Ensete	130.0			3.8			7.7				0.5	1.0	0.0	1.5
Oil Crops/Nuts	385.0			2.6			5.2				1.0	2.0	0.0	3.0
Coffee	350.0			1.4			1.4				0.5	0.5	0.0	1.0
Total	6395.0										50.9	100.9	0.0	151.8
1995 Overall Consumption Estimate											45.5	88.8	0.0	134.3

Fiji	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1994														
Rice	15.0			60.0			30.0			70.0	0.9	0.5	1.1	2.4
Coconut	60.0			20.0			0.0			70.0	1.2	0.0	4.2	5.4
Cocoa	2.0			70.0			60.0			120.0	0.1	0.1	0.2	0.5
Sugar cane	75.0			100.0			40.0			81.0	7.5	3.0	6.1	16.6
Total	152.0										9.7	3.6	11.6	24.9
1994 Overall Consumption Estimate											9.0	3.0	6.0	18.0

Finland		Consumption (000Mt)									
Year 1996	Area (000Ha)	N		P ₂ O ₅		K ₂ O		N	P ₂ O ₅	K ₂ O	Total
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha				
Wheat	125.0		80.0		30.0		35.0	10.0	3.8	4.4	18.1
Barley	583.0		74.0		25.0		28.0	43.1	14.6	16.3	74.0
Rye, oat, rice	392.0		70.0		25.0		28.0	27.4	9.8	11.0	48.2
Potato	33.0		70.0		120.0		100.0	2.3	4.0	3.3	9.6
Sugar beet	35.0		120.0		80.0		70.0	4.2	2.8	2.5	9.5
Oilseed rape	61.0		90.0		30.0		30.0	5.5	1.8	1.8	9.2
Vegetables	10.0		80.0		80.0		100.0	0.8	0.8	1.0	2.6
Others (incl. tobacco)	45.0		40.0		30.0		50.0	1.8	1.4	2.3	5.4
Perm. crops (fruit, vineyard)	6.0		40.0		50.0		80.0	0.2	0.3	0.5	1.0
Grassland fertilized	678.0		112.0		25.0		57.0	75.9	17.0	38.6	131.5
Fertilized forests	25.0		60.0		18.0		11.0	1.5	0.5	0.3	2.2
Total		1993.0						172.9	56.6	81.9	311.3
1996 Overall Consumption Estimate								189.8	62.7	79.3	331.8

France		Consumption (000Mt)												
Year 1996	Area (000Ha)	N			P ₂ O ₅			K ₂ O			N	P ₂ O ₅	K ₂ O	Total
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha				
Wheat	5112.0			155.0			42.0			33.0	792.4	214.7	168.7	1175.8
Barley	1625.0			110.0			48.0			35.0	178.8	78.0	56.9	313.6
Rye, oat, rice	468.0			100.0			43.0			30.0	46.8	20.1	14.0	81.0
Grain maize, incl. CCM	1924.0			170.0			60.0			65.0	327.1	115.4	125.1	567.6
Potato	135.0			150.0			85.0			180.0	20.3	11.5	24.3	56.0
Sugar beet	460.0			130.0			80.0			180.0	59.8	36.8	82.8	179.4
Oilseed rape	738.0			145.0			50.0			83.0	107.0	36.9	61.3	205.2
Sunflower, soya, linseed	973.0			45.0			50.0			92.0	43.8	48.7	89.5	182.0
Pulses (peas, beans)	619.0			0.0			50.0			95.0	0.0	31.0	58.8	89.8
Vegetables	44.2			80.0			50.0			100.0	3.5	2.2	4.4	10.2
Fodder (legumes)	511.0			0.0			50.0			100.0	0.0	25.6	51.1	76.7
Fodder (others)	93.0			120.0			50.0			100.0	11.2	4.7	9.3	25.1
Silage maize	1481.0			50.0			40.0			80.0	74.1	59.2	118.5	251.8
Others (incl. tobacco)	598.0			30.0			20.0			58.0	17.9	12.0	34.7	64.6
Perm. crops (fruit, vineyard)	1152.8			35.0			12.0			50.0	40.3	13.8	57.6	111.8
Grassland fertilized	10378.0			74.0			32.0			51.0	768.0	332.1	529.3	1629.3
Set-aside, industrial crops	250.0			100.0			20.0			40.0	25.0	5.0	10.0	40.0
Total	26562.0										2515.8	1047.6	1496.2	5059.7
1996 Overall Consumption Estimate											2525.0	1052.0	1488.0	5065.0

Germany	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996														
Wheat	2719.6			147.0			34.0			44.0	399.8	92.5	119.7	611.9
Barley	2274.0			133.0			25.0			34.0	302.4	56.9	77.3	436.6
Rye, oat, rice	1652.2			98.0			24.0			33.0	161.9	39.7	54.5	256.1
Grain maize, incl. CCM	368.3			131.0			58.0			90.0	48.2	21.4	33.1	102.8
Potato	303.6			120.0			67.0			170.0	36.4	20.3	51.6	108.4
Sugar beet	503.7			124.0			69.0			154.0	62.5	34.8	77.6	174.8
Oilseed rape	802.0			140.0			46.0			90.0	112.3	36.9	72.2	221.4
Sunflower, soya, linseed	34.4			50.0			35.0			42.0	1.7	1.2	1.4	4.4
Pulses (peas, beans)	135.0			25.0			35.0			46.0	3.4	4.7	6.2	14.3
Vegetables	91.0			160.0			31.0			140.0	14.6	2.8	12.7	30.1
Fodder (legumes)	226.0			30.0			31.0			50.0	6.8	7.0	11.3	25.1
Fodder (others)	228.0			152.0			46.0			51.0	34.7	10.5	11.6	56.8
Silage maize	1174.0			72.0			31.0			31.0	84.5	36.4	36.4	157.3
Others (incl. tobacco)	114.0			70.0			33.0			56.0	8.0	3.8	6.4	18.1
Perm. crops (fruit, vineyard)	227.1			35.0			28.0			60.0	7.9	6.4	13.6	27.9
Grassland fertilized	5028.0			92.0			7.0			11.0	462.6	35.2	55.3	553.1
Set-aside, industrial crops	112.0			90.0			40.0			42.0	10.1	4.5	4.7	19.3
1996 Overall Consumption Estimate	15992.9										1757.8	414.8	645.7	2818.3
Total											1758.0	415.1	645.8	2818.9

Greece	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996														
Wheat	859.0			93.0			22.0			0.0	79.9	18.9	0.0	98.8
Barley	165.0			89.0			22.0			0.0	14.7	3.6	0.0	18.3
Rye, oat, rice	91.0			95.0			35.0			5.0	8.6	3.2	0.5	12.3
Grain maize, incl. CCM	185.0			220.0			47.0			6.0	40.7	8.7	1.1	50.5
Potato	50.0			230.0			100.0			100.0	11.5	5.0	5.0	21.5
Sugar beet	40.0			140.0			75.0			50.0	5.6	3.0	2.0	10.6
Sunflower, soya, linseed	23.0			50.0			30.0			15.0	1.2	0.7	0.3	2.2
Pulses (peas, beans)	23.0			50.0			20.0			15.0	1.2	0.5	0.3	2.0
Vegetables	160.0			190.0			85.0			130.0	30.4	13.6	20.8	64.8
Fodder (legumes)	140.0			10.0			40.0			10.0	1.4	5.6	1.4	8.4
Silage maize	180.0			180.0			55.0			0.0	32.4	9.9	0.0	42.3
Others (incl. tobacco)	491.0			100.0			54.0			55.0	49.1	26.5	27.0	102.6
Perm. crops (fruit, vineyard)	1080.0			59.0			42.0			15.0	63.7	45.4	16.2	125.3
1996 Overall Consumption Estimate	3487.0										340.3	144.5	74.7	559.5
											350.0	153.0	57.0	560.0

Guatemala		Area (000Ha)		N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
Year 1987				% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		24.0		100.0	180.0		100.0	68.0		4.3	1.6	4.6	10.6
Rice		2.0		100.0	64.0		100.0	26.0		0.1	0.1	0.1	0.3
Wheat		1.0		100.0	120.0		100.0	100.0		0.1	0.1	0.1	0.4
Potato		1.0		100.0	129.0		100.0	58.0		0.1	0.1	0.2	0.4
Bean		16.0		100.0	97.0		100.0	39.0		1.6	0.6	1.4	3.6
Citrus		1.0		100.0	154.0		100.0	39.0		0.2	0.0	0.1	0.3
Fruits/Others		2.0		100.0	536.0		100.0	228.0		1.1	0.5	0.8	2.3
Sesame		2.0		100.0	96.0		100.0	48.0		0.2	0.1	0.3	0.5
Others		2.0		100.0	132.0		100.0	51.0		0.3	0.1	0.3	0.7
Total		51.0								7.9	3.2	8.1	19.2
1987 Overall Consumption Estimate										65.8	26.6	15.0	107.4

Guinea		Area (000Ha)		N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
Year 1997				% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		84.7		40.0	80.0		40.0	60.0		2.7	2.0	1.4	6.1
Rice		480.1		20.0	80.0		20.0	60.0		7.7	5.8	4.8	18.2
Total		564.8								10.4	7.8	6.2	24.3
1996 Overall Consumption Estimate										1.9	0.1	0.7	2.7

Honduras	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)		
Year 1995		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	Total
Maize	480.0	40.0	120.0		20.0	80.0		20.0	120.0		23.0	7.7	42.2
Rice	16.0	100.0	120.0		40.0	70.0		40.0	150.0		1.9	0.4	3.3
Bean	120.0	40.0	30.0		20.0	80.0		20.0	100.0		1.4	1.9	5.8
Potato	1.0	100.0	200.0		30.0	120.0		30.0	200.0		0.2	0.0	0.3
Banana	20.0	100.0	400.0		80.0	100.0		100.0	380.0		8.0	1.6	17.2
Coffee	180.0	70.0	200.0		50.0	70.0		50.0	150.0		25.2	6.3	45.0
Plantain	8.0	60.0	200.0		10.0	50.0		30.0	150.0		1.0	0.0	1.4
Sugar cane	40.0	100.0	150.0		50.0	60.0		100.0	120.0		6.0	1.2	12.0
Oil palm	28.0	100.0	150.0		80.0	80.0		80.0	150.0		4.2	1.8	9.4
Cocoa	5.0	20.0	60.0		20.0	30.0		20.0	60.0		0.1	0.0	0.2
Tobacco	5.0	100.0	80.0		75.0	50.0		100.0	120.0		0.4	0.2	1.2
Citrus	5.0	100.0	80.0		100.0	60.0		100.0	100.0		0.4	0.3	1.2
Pineapple	6.0	100.0	250.0		50.0	150.0		50.0	300.0		1.5	0.5	2.9
Tomato	4.0	100.0	200.0		100.0	100.0		100.0	150.0		0.8	0.4	1.8
Cantaloupe	4.0	100.0	130.0		100.0	80.0		100.0	180.0		0.5	0.3	1.6
Vegetables	5.0	100.0	120.0		100.0	120.0		100.0	150.0		0.6	0.6	2.0
Mango	1.0	100.0	130.0		100.0	60.0		100.0	100.0		0.1	0.1	0.3
Ginger	0.5	100.0	300.0		100.0	400.0		100.0	300.0		0.2	0.2	0.5
Passionfruit	0.5	100.0	150.0		50.0	60.0		50.0	150.0		0.1	0.0	0.1
Total	929.0										75.6	23.6	148.2
1995 Overall Consumption Estimate											37.0	13.0	58.0

Hungary	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)		
Year 1993		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	Total
Barley	436.0	23.0	68.0		23.0	4.0		23.0	6.0		6.8	0.4	7.8
Maize	1430.0	16.0	117.0		16.0	11.0		16.0	11.0		26.8	2.5	31.8
Rice	5.0	40.0	146.0								0.3	0.0	0.3
Rye	72.0	17.0	70.0		17.0	5.0		17.0	7.0		0.9	0.1	1.0
Wheat	997.0	34.0	86.0		34.0	9.0		34.0	8.0		29.2	3.1	34.9
Potato	91.0	3.0	85.0		3.0	22.0		3.0	60.0		0.2	0.1	0.5
Soybean	16.0	44.0	71.0		44.0	3.0		44.0	2.0		0.5	0.0	0.5
Total	3047.0										64.6	6.1	76.8
1993 Overall Consumption Estimate											225.3	24.4	292.6

India		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1995	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Rice	42244.0	78.0	117.0		78.0	33.1		78.0	17.7		3855.2	1090.7	583.2	5529.1
Wheat	25639.0	94.0	112.0		94.0	35.1		94.0	7.4		2699.3	845.9	178.3	3723.6
Millet/Pearl	10114.0	55.0	22.6		55.0	7.3		55.0	1.7		125.7	40.6	9.5	175.8
Maize	6106.0	84.0	41.2		84.0	3.6		84.0	1.2		211.3	18.5	6.2	235.9
Groundnut	7922.0	80.0	29.0		80.0	23.0		80.0	8.1		183.8	145.8	51.3	380.9
Cotton	7925.0	85.0	88.4		85.0	24.3		85.0	8.1		595.5	163.7	54.6	813.7
Sugar cane	3815.0	98.0	220.5		98.0	55.8		98.0	23.3		824.4	208.6	87.1	1120.1
Tobacco	413.0	96.0	218.3		96.0	35.1		96.0	4.9		86.6	13.9	1.9	102.4
Jute	751.0	63.0	64.4		63.0	17.8		63.0	4.4		30.5	8.4	2.1	41.0
Tea	417.0	100.0	264.0		100.0	104.9		100.0	12.7		110.1	43.7	5.3	159.1
Crops/Others	68393.0	80.0	17.6		80.0	5.3		80.0	2.9		963.0	290.0	158.7	1411.6
Total											9685.2	2869.8	1138.2	13693.2
1995 Overall Consumption Estimate											9822.8	2897.5	1155.8	13876.1

Indonesia	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)						
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1993														
Rice	11013.0	90.0	100.0		80.0	30.0	10.0	30.0	991.2	264.3	33.0	1288.5		
Maize	2940.0	30.0	110.0		20.0	30.0	5.0	30.0	97.0	17.6	4.4	119.1		
Soybean	1470.0	30.0	20.0		10.0	20.0	5.0	20.0	8.8	2.9	1.5	13.2		
Oil palm	983.0	90.0	50.0		90.0	15.0	90.0	130.0	44.2	13.3	115.0	172.5		
Total	16406.0								1141.2	298.2	153.9	1593.3		
1993 Overall Consumption Estimate									1557.9	539.7	219.4	2317.0		

Iran	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1993														
Barley	1757.0			43.8			28.5			1.7	77.0	50.1	3.0	130.0
Rice	555.0			115.3			54.1			3.6	64.0	30.0	2.0	96.0
Wheat	6782.0			32.4			29.5			0.2	219.7	200.1	1.4	421.2
Potato	150.0			280.0			166.7			13.3	42.0	25.0	2.0	69.0
Fruits	1193.0	45.0	60.0		45.0	37.3					32.2	20.0	0.0	52.2
Sugar cane	25.0	100.0	200.0		100.0	180.0					5.0	4.5	0.0	9.5
Sugar beet	150.0	100.0	130.0		100.0	60.0					19.5	9.0	0.0	28.5
Tea	32.0	85.0	180.0		85.0	23.0					4.9	0.6	0.0	5.5
Cotton	185.0			102.7			54.1			10.8	19.0	10.0	2.0	31.0
Onion	40.0	90.0	90.0		90.0	135.0		90.0	60.0		3.2	4.9	2.2	10.3
Pasture/Fodder	739.0	50.0	30.0		50.0	10.8					11.1	4.0	0.0	15.1
Garlic	2.0			250.0			250.0				0.5	0.5	0.0	1.0
Garlic	2.0			250.0			250.0				0.5	0.5	0.0	1.0
Maize	78.0			269.2			89.7			12.8	21.0	7.0	1.0	29.0
Sorghum	24.0			41.7			41.7				1.0	1.0	0.0	2.0
Millet	3.0			166.7			166.7				0.5	0.5	0.0	1.0
Lentil	244.0			8.2			12.3				2.0	3.0	0.0	5.0
Pea	579.0			5.5			8.6				3.2	5.0	0.0	8.2
Mungbean	29.0			34.5			17.2				1.0	0.5	0.0	1.5
Soybean	76.0			65.8			52.6			26.3	5.0	4.0	2.0	11.0
Sunflower	131.0			84.0			38.2				11.0	5.0	0.0	16.0
Sesame	20.0			50.0			50.0				1.0	1.0	0.0	2.0
Total	12796.0										544.3	386.2	15.5	946.0
1993 Overall Consumption Estimate											555.0	321.1	25.0	901.1

Ireland	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996														
Wheat	94.0			168.0		65.0		83.0			15.8	6.1	7.8	29.7
Barley	190.0			110.0		65.0		73.0			20.9	12.4	13.9	47.1
Rye, oat, rice	21.0			96.0		65.0		73.0			2.0	1.4	1.5	4.9
Potato	18.0			121.0		231.0		295.0			2.2	4.2	5.3	11.6
Sugar beet	32.0			183.0		130.0		245.0			5.9	4.2	7.8	17.9
Oilseed rape	4.0			150.0		72.0		46.0			0.6	0.3	0.2	1.1
Pulses (peas, beans)	5.0			0.0		41.0		48.0			0.0	0.2	0.2	0.4
Vegetables	5.0			60.0		113.0		117.0			0.3	0.6	0.6	1.5
Fodder (others)	9.0			120.0		160.0		198.0			1.1	1.4	1.8	4.3
Silage maize	6.0			106.0		85.0		66.0			0.6	0.5	0.4	1.5
Others (incl. tobacco)	30.0			60.0		90.0		85.0			1.8	2.7	2.6	7.1
Grassland fertilized	2958.0			111.0		30.0		40.0			328.3	88.7	118.3	535.4
Total	3372.0										379.5	122.6	160.4	662.5
1996 Overall Consumption Estimate											394.0	128.0	169.0	691.0

Israel	Area ('000Ha)	N			P ₂ O ₅			K ₂ O			Consumption ('000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1997														
Wheat	70.0			90.0			20.0			0.0	6.3	1.4	0.0	7.7
Barley	10.0			50.0			0.0			0.0	0.5	0.0	0.0	0.5
Potato	7.0			350.0			200.0			400.0	2.5	1.4	2.8	6.7
Cotton	23.0			180.0			50.0			150.0	4.1	1.2	3.5	8.7
Citrus	23.0			200.0			30.0			200.0	4.6	0.7	4.6	9.9
Olive	15.0			100.0			15.0			50.0	1.5	0.2	0.8	2.5
Grape	6.0			150.0			25.0			180.0	0.9	0.2	1.1	2.1
Maize	20.0			250.0			80.0			200.0	5.0	1.6	4.0	10.6
Chickpea	8.0			0.0			60.0			0.0	0.0	0.5	0.0	0.5
Almond	2.0			120.0			0.0			100.0	0.2	0.0	0.2	0.4
Apple/Pear	7.0			150.0			30.0			200.0	1.1	0.2	1.4	2.7
Avocado	7.0			180.0			30.0			300.0	1.3	0.2	2.1	3.6
Banana	2.0			500.0			100.0			800.0	1.0	0.2	1.6	2.8
Date	2.0			300.0			50.0			250.0	0.6	0.1	0.5	1.2
Mango	3.0			200.0			30.0			250.0	0.6	0.1	0.8	1.4
Peach/Plum	5.0			200.0			30.0			250.0	1.0	0.2	1.3	2.4
Groundnut	5.0			80.0			50.0			100.0	0.4	0.3	0.5	1.2
Vegetables	40.0			300.0			100.0			300.0	12.0	4.0	12.0	28.0
Horticulture	3.0			700.0			150.0			700.0	2.1	0.5	2.1	4.7
Crops/Others	30.0			120.0			50.0			100.0	3.6	1.5	3.0	8.1
Total	288.0										49.2	14.3	42.1	105.6
1997 Overall Consumption Estimate											50.0	22.0	32.0	104.0

Japan	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996											
Rice	1976.4			86.4			96.0	170.8	189.7	170.0	530.5
Wheat	156.0			105.0			128.0		20.0	15.9	52.3
Barley	55.0			96.0			107.0	5.3	5.9	5.3	16.5
Cereals/Others	32.0			35.9			73.0	1.1	2.3	2.3	5.8
Potato	105.0			115.0			179.0	12.1	18.8	12.9	43.8
Potato/Sweet	48.0			49.0			87.0	2.4	4.2	6.7	13.2
Fruits	311.0			169.0			126.0	52.6	39.2	41.1	132.8
Beans	159.0			33.0			118.0	5.2	18.8	11.4	35.5
Tea	53.0			528.0			215.0	28.0	11.4	14.2	53.5
Tobacco	26.0			128.0			188.0	3.3	4.9	5.7	14.0
Vegetables	480.0			216.0			201.0	103.7	96.5	91.7	291.8
Pasture	805.0			80.0			107.0	64.4	86.1	66.0	216.5
Fodder	211.0			129.0			146.0	27.2	30.8	25.5	83.6
Green Manure Crop	57.0			55.0			87.0	3.1	5.0	2.7	10.8
Forestry	21.0			63.0			62.0	1.3	1.3	1.1	3.8
Total	4495.4							496.9	534.8	472.6	1504.2
1996 Overall Consumption Estimate								511.7	610.1	441.2	1563.0

Jordan		Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)						
Year	1994		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
	Barley	62.6	4.0	20.0		4.0	50.0					0.1	0.1	0.0	0.2
	Wheat	69.4	9.0	80.0		9.0	50.0					0.5	0.3	0.0	0.8
	Citrus fruit	5.8	100.0	60.0		100.0	80.0		100.0	50.0		0.3	0.5	0.3	
	Grape	13.2	21.0	60.0		21.0	60.0		21.0	80.0		0.2	0.2	0.2	
	Olive	79.2	21.0	10.0		21.0	75.0		21.0	50.0		0.2	1.2	0.8	2.2
	Tomato	12.9	93.0	100.0		93.0	250.0		93.0	150.0		1.2	3.0	1.8	6.0
	Potato	3.3	100.0	80.0		100.0	125.0		100.0	120.0		0.3	0.4	0.4	
	Watermelon	3.3	62.0	80.0		62.0	125.0		62.0	50.0		0.2	0.3	0.1	
	Squash and gourd	2.3	87.0	80.0		87.0	125.0		87.0	50.0		0.2	0.3	0.1	
	Onion	3.3	48.0	60.0		48.0	100.0		48.0	50.0		0.1	0.2	0.1	
	Eggplant	1.6	100.0	100.0		100.0	250.0		100.0	150.0		0.2	0.4	0.2	
	Cauliflower	1.8	100.0	100.0		100.0	125.0		100.0	100.0		0.2	0.2	0.2	
	Bean	1.2				99.0	100.0		99.0	50.0		0.0	0.1	0.1	0.2
	Cucumber	1.0	100.0	80.0		100.0	125.0		100.0	50.0		0.1	0.1	0.1	0.3
	Cabbage	1.1	100.0	100.0		100.0	125.0		100.0	100.0		0.1	0.1	0.1	0.4
Total		262.0										3.6	7.4	4.5	15.5
1994 Overall Consumption Estimate												4.0	8.0	2.0	14.0

Kenya		Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)						
Year	1996		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		1589.9	30.0	34.0		30.0	30.0		0.0	0.0		16.2	14.3	0.0	30.5
Barley		24.0	100.0	17.0		100.0	75.0		0.0	0.0		0.4	1.8	0.0	2.2
Rice/Irrigated		12.9	100.0	58.0		100.0	22.0		0.0	0.0		0.7	0.3	0.0	1.0
Rice/Rainfed		6.8	29.0	58.0		29.0	110.0		0.0	0.0		0.1	0.2	0.0	0.3
Wheat		156.0	100.0	17.0		100.0	75.0		0.0	0.0		2.7	11.7	0.0	14.4
Potato		93.0	53.0	90.0		53.0	58.0		0.0	0.0		4.4	2.9	0.0	7.3
Sunflower		90.9	25.0	14.0		25.0	20.0		0.0	0.0		0.3	0.5	0.0	0.8
Coffee		176.5	90.0	40.0		90.0	14.0		90.0	40.0		6.4	2.2	6.4	14.9
Tea		113.7	98.0	45.0		98.0	8.0		98.0	8.0		5.0	0.9	0.9	6.8
Tobacco		8.9	100.0	30.0		100.0	90.0		100.0	24.0		0.3	0.8	0.2	1.3
Sugar cane		131.1	90.0	147.0		90.0	60.0		0.0	0.0		17.3	7.1	0.0	24.4
Sisal		36.0	50.0	46.0		50.0	48.0		0.0	0.0		0.8	0.9	0.0	1.7
Pineapple		10.1	65.0	72.0		65.0	184.0		65.0	120.0		0.5	1.2	0.8	2.5
Fruits/Others		101.9	2.0	12.0		2.0	26.0		2.0	4.0		0.0	0.1	0.0	0.1
Vegetables		82.7	28.0	28.0		28.0	52.0		0.0	0.0		0.6	1.2	0.0	1.9
Flowers		1.0	100.0	370.0		100.0	109.0		100.0	106.0		0.4	0.1	0.1	0.6
Total		2635.4										56.2	46.1	8.4	110.6
1996 Overall Consumption Estimate												44.0	65.0	7.0	116.0

Lao People's Dem. Rep	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1993														
Rice	538.0	11.0	48.0		11.0	21.0		0.0	0.0		2.8	1.2	0.0	4.1
Tobacco	7.0	43.0	30.0		43.0	45.0		43.0	30.0		0.1	0.1	0.1	0.3
Total											2.9	1.4	0.1	4.4
1993 Overall Consumption Estimate											1.9	1.0	0.1	3.0

Latvia		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)		
Year 1990	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Wheat	132.0	100.0	96.0		100.0	81.0		100.0	122.0		12.7	10.7	16.1
Potato	32.0	100.0	70.0		100.0	105.0		100.0	144.0		2.2	3.4	4.6
Fruits	3.0	100.0	128.0		100.0	108.0		100.0	145.0		0.4	0.3	0.4
Sugar beet	14.0	100.0	180.0		100.0	146.0		100.0	237.0		2.5	2.0	3.3
Flax	12.0	100.0	17.0		100.0	79.0		100.0	112.0		0.2	0.9	1.3
Vegetables	5.0	100.0	87.0		100.0	87.0		100.0	148.0		0.4	0.4	0.7
Pasture/Fodder	831.0	100.0	77.0		100.0	38.0		100.0	71.0		64.0	31.6	59.0
Total											82.4	49.4	85.6
1990 Overall Consumption Estimate											115.0	104.0	167.0

Lebanon		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)		
Year 1995	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Barley	11.1	80.0	50.0		80.0	40.0		60.0	40.0		0.4	0.4	0.3
Maize	2.1	70.0	80.0		70.0	50.0		50.0	40.0		0.1	0.1	0.0
Wheat	23.6	80.0	53.0		80.0	53.0		60.0	40.0		1.0	1.0	0.6
Potato	13.7	98.0	150.0		98.0	150.0		98.0	74.5		2.0	2.0	1.0
Bean	2.0	75.0	125.0		75.0	33.0		75.0	90.0		0.2	0.0	0.1
Apple	11.7	70.0	75.0		70.0	50.0		70.0	90.0		0.6	0.4	0.7
Banana	36.6	95.0	120.8		95.0	75.0		95.0	57.5		4.2	2.6	2.0
Citrus	7.5	90.0	120.0		90.0	75.0		90.0	150.0		0.8	0.5	1.0
Lemon	2.9	80.0	100.0		80.0	75.0		80.0	120.0		0.2	0.2	0.3
Grape	26.2	60.0	75.0		60.0	50.0		60.0	90.0		1.2	0.8	1.4
Peach	1.5	70.0	100.0		70.0	75.0		70.0	120.0		0.1	0.1	0.1
Groundnut	2.5	50.0	80.0		50.0	40.0		50.0	100.0		0.1	0.1	0.3
Olive	42.7	50.0	75.0		50.0	50.0		50.0	100.0		1.6	1.1	2.1
Sugar beet	4.0	98.0	25.0		98.0	100.0		98.0	450.0		0.1	0.4	1.8
Tobacco	3.1	80.0	75.0		80.0	50.0		80.0	100.0		0.2	0.1	0.2
Bean/French	3.1	80.0	50.0		70.0	75.0		80.0	125.0		0.1	0.2	0.3
Squash/Gourd	1.6	80.0	150.0		70.0	100.0		70.0	150.0		0.2	0.1	0.2
Cabbage	2.7	70.0	50.0		60.0	60.0		60.0	100.0		0.1	0.1	0.4
Carrot	1.6	60.0	50.0		60.0	70.0		60.0	100.0		0.0	0.1	0.1
Onion	3.8	80.0	150.0		70.0	60.0		70.0	110.0		0.5	0.2	0.3
Tomato	8.0	80.0	250.0		80.0	200.0		80.0	234.4		1.6	1.3	1.5
Cucumber	5.0	90.0	300.0		90.0	150.0		90.0	377.8		1.4	0.7	1.7
Eggplant	2.1	80.0	125.0		80.0	100.0		80.0	150.0		0.2	0.2	0.3
Total											17.0	12.4	16.3
1995 Overall Consumption Estimate											25.1	15.0	44.1

Lesotho	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Year 1989										
Maize	137.0	60.0	14.0	60.0	21.0	60.0	14.0	1.2	1.7	1.2 4.0
Sorghum	64.0	20.0	14.0	20.0	21.0	20.0	14.0	0.2	0.3	0.2 0.6
Wheat	41.0	20.0	14.0	20.0	21.0	20.0	14.0	0.1	0.2	0.1 0.4
Bean	18.0	10.0	13.0	10.0	33.0	10.0	13.0	0.0	0.1	0.0 0.1
Total	260.0							1.5	2.2	1.5 5.2
1989 Overall Consumption Estimate										
								0.5	4.0	0.1 4.6

Lithuania	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Year 1996										
Wheat	619.0		24.0		15.0		11.0	14.9	9.3	6.8 31.0
Barley	224.0		22.0		9.0		12.0	4.9	2.0	2.7 9.6
Rye/Oat	214.0		21.0		13.0		10.0	4.5	2.8	2.1 9.4
Maize/Grain	59.0		16.0		6.0		10.0	0.9	0.4	0.6 1.9
Potato	125.0		27.0		16.0		39.0	3.4	2.0	4.9 10.3
Sugar beet	31.0		57.0		24.0		46.0	1.8	0.7	1.4 3.9
Rapeseed	12.0		11.0		10.0		18.0	0.1	0.1	0.2 0.5
Sunflower	6.0		10.0		12.0		24.0	0.1	0.1	0.1 0.3
Pulses	37.0		0.0		12.0		17.0	0.0	0.4	0.6 1.1
Vegetables	29.0		73.0		22.0		32.0	2.1	0.6	0.9 3.7
Fodder	1122.0		21.0		6.0		16.0	23.6	6.7	18.0 48.2
Grassland/Fertilized	814.0		26.0		10.0		19.0	21.2	8.1	15.5 44.8
Total	3292.0							77.4	33.3	53.9 164.6
1996 Overall Consumption Estimate										
								79.0	33.0	54.0 166.0

Madagascar	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O Total
Year 1990										
Rice	1188.0	8.0	12.0	8.0	11.0	8.0	9.0	1.1	1.0	0.9 3.0
Wheat	3.0	100.0	80.0	100.0	40.0	100.0	40.0	0.2	0.1	0.1 0.5
Potato	240.0	20.0	14.0	20.0	14.0	20.0	11.0	0.7	0.7	0.5 1.9
Sugar cane	17.0	100.0	79.0	100.0	19.0	100.0	118.0	1.3	0.3	2.0 3.7
Cotton	27.0	100.0	34.0	100.0	11.0	100.0	16.0	0.9	0.3	0.4 1.6
Total	1475.0							4.3	2.5	3.9 10.7
1990 Overall Consumption Estimate										
								4.4	2.5	4.0 10.9

Malawi		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1995			% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		209.1	85.0	6.0		85.0	3.0		85.0	0.3		1.1	0.5	0.1	1.7
Rice		29.4	85.0	41.0		85.0	20.0		85.0	3.0		1.0	0.5	0.1	1.6
Tobacco		96.5	85.0	12.5		85.0	6.0		85.0	0.8		1.0	0.5	0.1	1.6
Total		335.0										3.1	1.5	0.2	4.8
1995 Overall Consumption Estimate												18.3	10.3	5.0	33.6

Malaysia		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1995			% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		17.0	50.0	100.0		50.0	100.0		50.0	100.0		0.9	0.9	0.9	2.6
Rice		684.0	90.0	90.0		90.0	40.0		90.0	30.0		55.4	24.6	18.5	98.5
Cassava		34.0	20.0	80.0		20.0	60.0		20.0	150.0		0.5	0.4	1.0	2.0
Fruits		200.0	40.0	120.0		40.0	70.0		40.0	150.0		9.6	5.6	12.0	27.2
Pineapple		8.0	90.0	120.0		90.0	10.0		90.0	40.0		0.9	0.1	0.3	1.2
Coconut		332.0	5.0	80.0		5.0	30.0		5.0	100.0		1.3	0.5	1.7	3.5
Oil palm		2300.0	98.0	70.0		98.0	35.0		98.0	185.0		157.8	78.9	417.0	653.7
Cocoa		300.0	70.0	90.0		70.0	35.0		70.0	110.0		18.9	7.4	23.1	49.4
Coffee		13.0	50.0	90.0		50.0	40.0		50.0	100.0		0.6	0.3	0.7	1.5
Sugar cane		26.0	95.0	80.0		95.0	110.0		95.0	60.0		2.0	2.7	1.5	6.2
Tobacco		12.0	80.0	60.0		80.0	110.0		80.0	134.0		0.6	1.1	1.3	2.9
Rubber		1500.0	70.0	35.0		70.0	30.0		70.0	40.0		36.8	31.5	42.0	110.3
Vegetables		35.0	100.0	180.0		100.0	160.0		100.0	160.0		6.3	5.6	5.6	17.5
Pepper/Chili		10.0	85.0	120.0		85.0	120.0		85.0	170.0		1.0	1.0	1.4	3.5
Total		5471.0										292.5	160.4	526.8	979.8
1995 Overall Consumption Estimate												286.0	201.0	603.0	1090.0

Mauritania		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year	1995		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Rice		13.5	100.0	250.0								3.4	0.0	0.0	3.4
Garlic		4.5	50.0	250.0								0.6	0.0	0.0	0.6
Onion		0.7	80.0	150.0		80.0	300.0					0.1	0.2	0.0	0.3
Tomato		0.9	70.0	200.0		70.0	250.0					0.1	0.2	0.0	0.3
Total		19.6										4.1	0.3	0.0	4.5
1995 Overall Consumption Estimate												4.0	0.0	0.0	4.0

Mauritius		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year	1993		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		1.0	100.0	200.0		100.0	56.0		100.0	122.0		0.2	0.1	0.1	0.4
Potato		1.0	100.0	156.0		100.0	156.0		100.0	240.0		0.2	0.2	0.2	0.6
Sugar cane		83.0	100.0	120.0		100.0	34.9		100.0	126.5		10.0	2.9	10.5	23.4
Tea		4.0	100.0	195.0		100.0	50.0		100.0	50.0		0.8	0.2	0.2	1.2
Others		3.0	100.0	90.0		100.0	72.0		100.0	106.0		0.3	0.2	0.3	0.8
Total		92.0										11.4	3.5	11.4	26.3
1993 Overall Consumption Estimate												9.9	4.0	12.1	26.0

Mexico	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1990		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Barley	400.0	37.0	97.0		37.0	30.0		0.0	0.0		14.4	4.4	0.0	18.8
Maize	7853.0	76.0	82.0		76.0	26.0		76.0	1.0		489.4	155.2	6.0	650.5
Oat	243.0	65.0	69.0		65.0	41.0		0.0	0.0		10.9	6.5	0.0	17.4
Rice	149.0	93.0	129.0		93.0	35.0		0.0	0.0		17.9	4.8	0.0	22.7
Sorghum	1934.0	62.0	141.0		62.0	27.0		0.0	0.0		169.1	32.4	0.0	201.4
Wheat	913.0	93.0	183.0		93.0	36.0		0.0	0.0		155.4	30.6	0.0	186.0
Cereals/Others	1848.0	56.0	34.0		56.0	24.0		0.0	0.0		35.2	24.8	0.0	60.0
Potato	65.0	96.0	104.0		96.0	118.0		96.0	69.0		6.5	7.4	4.3	18.2
Lentil	2.0	100.0	87.0		100.0	38.0		0.0	0.0		0.2	0.1	0.0	0.3
Chickpea	64.0	79.0	73.0		79.0	3.0		0.0	0.0		3.7	0.2	0.0	3.8
Avocado	78.0	100.0	115.0		100.0	57.0		100.0	66.0		9.0	4.4	5.1	18.6
Banana	55.0	93.0	220.0		93.0	21.0		93.0	124.0		11.3	1.1	6.3	18.7
Citrus	279.0	54.0	119.0		54.0	33.0		54.0	47.0		17.9	5.0	7.1	30.0
Lemon	34.0	100.0	51.0		100.0	15.0		100.0	26.0		1.7	0.5	0.9	3.1
Grape	50.0	100.0	78.0		100.0	21.0		100.0	13.0		3.9	1.1	0.7	5.6
Mango	43.0	78.0	75.0		78.0	29.0		78.0	38.0		2.5	1.0	1.3	4.8
Papaya	13.0	76.0	132.0		76.0	47.0		76.0	44.0		1.3	0.5	0.4	2.2
Pineapple	7.0	100.0	200.0		100.0	80.0		100.0	120.0		1.4	0.6	0.8	2.8
Strawberry	4.0	100.0	213.0		100.0	113.0		100.0	83.0		0.9	0.5	0.3	1.6
Fruits/Others	273.0	95.0	68.0		95.0	24.0		95.0	16.0		17.6	6.2	4.1	28.0
Coconut	12.0	80.0	59.0		80.0	2.0		80.0	49.0		0.6	0.0	0.5	1.1
Groundnut	43.0	47.0	51.0		47.0	36.0		47.0	1.0		1.0	0.7	0.0	1.8
Safflower	115.0	76.0	71.0		76.0	10.0		0.0	0.0		6.2	0.9	0.0	7.1
Sesame	75.0	99.0	72.0		99.0	12.0		0.0	0.0		5.3	0.9	0.0	6.2
Soybean	370.0	95.0	30.0		95.0	35.0		0.0	0.0		10.5	12.3	0.0	22.8
Coffee	587.0	56.0	55.0		56.0	33.0		56.0	13.0		18.1	10.8	4.3	33.2
Sugar cane	654.0	91.0	134.0		91.0	40.0		91.0	35.0		79.7	23.8	20.8	124.4
Tobacco	32.0	99.0	90.0		99.0	50.0		99.0	53.0		2.9	1.6	1.7	6.1
Cotton	343.0	76.0	176.0		76.0	28.0		0.0	0.0		45.9	7.3	0.0	53.2
Cantaloupe/Others	13.0	99.0	90.0		99.0	48.0		99.0	22.0		1.2	0.6	0.3	2.1
Cauliflower	1.0	100.0	110.0		100.0	42.0		100.0	37.0		0.1	0.0	0.0	0.2
Cucumber	12.0	100.0	248.0		100.0	210.0		100.0	142.0		3.0	2.5	1.7	7.2
Eggplant	1.0	100.0	450.0		100.0	340.0		100.0	180.0		0.5	0.3	0.2	1.0
Onion	11.0	94.0	145.0		94.0	49.0		94.0	24.0		1.5	0.5	0.2	2.3
Pepper/Chili	84.0	93.0	135.0		93.0	62.0		93.0	35.0		10.5	4.8	2.7	18.1
Squash/Gourd	11.0	100.0	164.0		100.0	64.0		100.0	3.0		1.8	0.7	0.0	2.5
Tomato	55.0	99.0	271.0		99.0	144.0		99.0	86.0		14.8	7.8	4.7	27.3
Watermelon	14.0	95.0	120.0		95.0	61.0		95.0	42.0		1.6	0.8	0.6	3.0
Vegetables/Others	153.0	97.0	243.0		97.0	101.0		97.0	27.0		36.1	15.0	4.0	55.1
Grassland/Temporary	380.0	41.0	128.0		41.0	24.0		41.0	1.0		19.9	3.7	0.2	23.8
Fodder/Leguminous	5.0	99.0	70.0		99.0	61.0		99.0	16.0		0.3	0.3	0.1	0.7
Alfalfa	160.0	86.0	28.0		86.0	60.0		0.0	0.0		3.9	8.3	0.0	12.1
Fodder	4.0	100.0	82.0		100.0	91.0		100.0	22.0		0.3	0.4	0.1	0.8
Horticulture	3.0	93.0	107.0		93.0	88.0		93.0	47.0		0.3	0.2	0.1	0.7
Others	111.0	100.0	329.0		100.0	126.0		100.0	18.0		36.5	14.0	2.0	52.5
Total	17556.0										1272.5	405.5	81.6	1759.6
1990 Overall Consumption Estimate											1346.3	373.8	78.3	1798.4

Myanmar Year 1994	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Maize	196.0			5.0			0.0	1.0	0.1	0.0
Rice	5665.0			18.0			0.4	102.0	28.3	2.3
Wheat	137.0			15.0			0.8	2.1	0.3	0.1
Bean	700.0			0.3			0.0	0.2	0.0	0.0
Sesame	974.0			0.6			0.0	0.6	0.3	0.0
Cotton	165.0			2.2			0.0	0.4	0.0	0.0
Total								106.2	29.0	2.4
1994 Overall Consumption Estimate								110.6	31.9	2.2

Nepal		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)				
Year	1989	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
	Maize	751.0	40.0	12.0		40.0	4.0		40.0	1.0		3.6	1.2	0.3	5.1
	Rice	1433.0	40.0	16.0		40.0	6.0		40.0	1.0		9.2	3.4	0.6	13.2
	Wheat	604.0	40.0	34.0		40.0	12.0		40.0	2.0		8.2	2.9	0.5	11.6
	Oil crops	154.0	40.0	27.0		40.0	10.0		40.0	2.0		1.7	0.6	0.1	2.4
	Vegetables	84.0	40.0	118.0		40.0	43.0		40.0	7.0		4.0	1.4	0.2	5.6
Total		3026.0										26.6	9.6	1.7	37.9
1989 Overall Consumption Estimate												49.3	16.8	1.3	67.4

The Netherlands		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	137.5		185.0			11.0			9.0		25.4	1.5	1.2	28.2
Barley	42.0		80.0			13.0			9.0		3.4	0.5	0.4	4.3
Rye, oat, rice	9.9		80.0			7.0			9.0		0.8	0.1	0.1	0.9
Grain maize, incl. CCM	18.1		45.0			34.0			18.0		0.8	0.6	0.3	1.8
Potato	179.9		170.0			73.0			180.0		30.6	13.1	32.4	76.1
Sugar beet	114.1		105.0			58.0			75.0		12.0	6.6	8.6	27.1
Oilseed rape	0.6		180.0			25.0			30.0		0.1	0.0	0.0	0.1
Sunflower, soya, linseed	4.3		0.0			0.0			0.0		0.0	0.0	0.0	0.0
Pulses (peas, beans)	4.2		20.0			54.0			80.0		0.1	0.2	0.3	0.6
Vegetables	64.6		130.0			78.0			180.0		8.4	5.0	11.6	25.1
Fodder (legumes)	6.1		0.0			25.0			75.0		0.0	0.2	0.5	0.6
Fodder (others)	1.2		35.0			10.0			50.0		0.0	0.0	0.1	0.1
Silage maize	232.0		40.0			27.0			20.0		9.3	6.3	4.6	20.2
Others (incl. tobacco)	73.8		95.0			27.0			80.0		7.0	2.0	5.9	14.9
Perm. crops (fruit, vineyard)	22.4		60.0			38.0			78.0		1.3	0.8	1.7	3.9
Grassland fertilized	1030.5		263.0			18.0			4.0		271.0	18.5	4.1	293.7
Total	1940.9										370.2	55.6	71.9	497.7
1996 Overall Consumption Estimate														
											370.0	62.0	72.0	504.0

New Zealand		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1995	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	55.0		100.0			25.0			10.0		5.5	1.4	0.6	7.4
Barley	75.0		50.0			15.0			10.0		3.8	1.1	0.8	5.6
Maize	15.0		120.0			25.0			30.0		1.8	0.4	0.5	2.6
Oat	12.0		40.0			20.0			0.0		0.5	0.2	0.0	0.7
Lentil	2.0		0.0			20.0			0.0		0.0	0.0	0.0	0.0
Potato	12.0		140.0			50.0			175.0		1.7	0.6	2.1	4.4
Rapeseed	1.0		60.0			20.0			0.0		0.1	0.0	0.0	0.1
Tomato	3.0		100.0			50.0			100.0		0.3	0.2	0.3	0.8
Hop	0.2		0.0			0.0			0.0		0.0	0.0	0.0	0.0
Grass/Seed	12.0		120.0			30.0			40.0		1.4	0.4	0.5	2.3
Clover/Seed	5.0		0.0			20.0			20.0		0.0	0.1	0.1	0.2
Grassland/intensive	5000.0		30.0			10.0			5.0		150.0	50.0	25.0	225.0
Total	5192.2										165.0	54.4	29.7	249.1
1995 Overall Consumption Estimate														
											139.0	394.0	138.0	671.0

Nigeria	Area ('000Ha)	N			P ₂ O ₅			K ₂ O			Consumption ('000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996														
Maize	4203.0			5.9			1.4				24.8	5.9	0.0	30.7
Millet	5528.0			1.8			0.7				10.0	3.9	0.0	13.8
Rice	2097.0			4.8			1.9				10.1	4.0	0.0	14.0
Sorghum	7338.0			1.4			0.4				10.3	2.9	0.0	13.2
Cassava	3639.0			2.7			1.1				9.8	4.0	0.0	13.8
Potato	80.0			1.3			1.3				0.1	0.1	0.0	0.2
Potato/Sweet	386.0			1.0			0.3				0.4	0.1	0.0	0.5
Taro	555.0			2.2			0.9				1.2	0.5	0.0	1.7
Yam	2847.0			3.9			1.4				11.1	4.0	0.0	15.1
Cowpea	5390.0			0.5			0.6				2.7	3.2	0.0	5.9
Groundnut	2997.0			1.0			0.7				3.0	2.1	0.0	5.1
Soybean	467.0			2.6			2.1				1.2	1.0	0.0	2.2
Cotton	368.0			35.1			0.0				12.9	0.0	0.0	12.9
Total	35895.0										97.5	31.7	0.0	129.2
1996 Overall Consumption Estimate											95.0	34.0	6.0	135.0

Norway		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	59.0			122.0			42.0			48.0	7.2	2.5	2.8	12.5
Barley	175.0			79.4			39.0			48.0	13.9	6.8	8.4	29.1
Rye, oat, rice	107.0			105.0			38.0			48.0	11.2	4.1	5.1	20.4
Potato	18.0			100.0			90.0			160.0	1.8	1.6	2.9	6.3
Oilseed rape	8.0			110.0			45.0			48.0	0.9	0.4	0.4	1.6
Vegetables	6.0			150.0			75.0			200.0	0.9	0.5	1.2	2.6
Fodder (others)	485.0			103.1			27.0			73.0	50.0	13.1	35.4	98.5
Others (incl. tobacco)	5.0			80.0			40.0			90.0	0.4	0.2	0.5	1.1
Perm. crops (fruit, vineyard)	0.0			40.0			50.0			120.0	0.0	0.0	0.0	0.0
Grassland fertilized	135.0			101.0			19.0			59.0	13.6	2.6	8.0	24.2
Fertilized forests	2.0			150.0			0.0			0.0	0.3	0.0	0.0	0.3
Total											100.2	31.7	64.7	196.6
1996 Overall Consumption Estimate											108.0	31.0	64.0	203.0

Pakistan		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	8085.0			106.5			25.9			0.6	861.1	209.4	4.9	1075.3
Rice	2251.0			94.4			18.6			0.3	212.5	41.9	0.7	255.0
Maize	872.0			99.3			19.2			0.0	86.6	16.7	0.0	103.3
Cotton	3149.0			135.4			23.3			0.1	426.4	73.4	0.3	500.1
Sugar cane	965.0			164.6			37.0			1.8	158.8	35.7	1.7	196.3
Total											1745.4	377.1	7.6	2130.0
1996 Overall Consumption Estimate											1985.3	419.4	8.4	2413.1

Panama	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1991											
Maize	83.0	16.0	121.0	16.0	33.0	16.0	16.0	1.6	0.4	0.2	2.3
Rice	105.0	45.0	100.0	45.0	33.0	45.0	16.0	4.7	1.6	0.8	7.0
Sorghum	9.0	100.0	74.0	100.0	22.0	100.0	11.0	0.7	0.2	0.1	1.0
Potato	1.0	100.0	292.0	100.0	218.0	100.0	109.0	0.3	0.2	0.1	0.6
Bean	3.0	40.0	37.0	40.0	42.0	0.0	0.0	0.0	0.1	0.0	0.1
Banana	14.0	100.0	278.6	0.0	0.0	100.0	100.0	3.9	0.0	1.4	5.3
Citrus	2.0	43.0	46.0	43.0	7.0	43.0	23.0	0.0	0.0	0.0	0.1
Pineapple	1.0	100.0	128.0	100.0	60.0	100.0	59.0	0.1	0.1	0.1	0.2
Plantain	2.0	40.0	84.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Oil palm	2.0	100.0	55.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Coffee	14.0	100.0	103.0	100.0	16.0	100.0	48.0	1.4	0.2	0.7	2.3
Sugar cane	26.0	100.0	79.0	100.0	35.0	100.0	30.8	2.1	0.9	0.8	3.8
Tobacco	1.0	100.0	242.0	100.0	221.0	100.0	206.0	0.2	0.2	0.2	0.7
Onion	10.0	100.0	87.0	100.0	65.0	100.0	33.0	0.9	0.7	0.3	1.9
Tomato	2.0	100.0	73.0	100.0	54.0	100.0	270.0	0.1	0.1	0.5	0.8
Watermelon	1.0	100.0	85.0	100.0	87.0	100.0	44.0	0.1	0.1	0.0	0.2
Grassland/Pasture	10.0	30.0	42.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Horticulture	2.0	100.0	73.0	100.0	54.0	100.0	270.0	0.1	0.1	0.5	0.8
Total	288.0							16.7	4.8	5.8	27.3
1991 Overall Consumption Estimate								16.4	4.2	5.1	25.7

Paraguay	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1990											
Maize	518.0	10.0	4.0	10.0	24.0	10.0	8.0	0.2	1.2	0.4	1.9
Rice	32.0	21.0	27.0	21.0	46.0	21.0	30.0	0.2	0.3	0.2	0.7
Wheat	241.0	33.0	27.0	33.0	21.4	33.0	12.6	2.1	1.7	1.0	4.9
Soybean	900.0	30.0	5.0	30.0	25.9	30.0	4.8	1.4	7.0	1.3	9.6
Sugar cane	47.0	13.0	40.0	13.0	16.0	13.0	60.0	0.2	0.1	0.4	0.7
Vegetables	12.0	42.0	80.0	42.0	75.0	42.0	93.0	0.4	0.4	0.5	1.2
Total	1750.0							4.5	10.7	3.7	19.0
1990 Overall Consumption Estimate								3.7	11.2	3.1	18.0

Peru Year 1990	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Barley	133.0			13.5			9.0			4.5	1.8	1.2	0.6	3.6
Maize	211.0			54.0			13.5			27.0	11.4	2.8	5.7	19.9
Rice	216.0			90.0			13.5			9.0	19.4	2.9	1.9	24.3
Wheat	120.0			27.0			13.5			9.0	3.2	1.6	1.1	5.9
Potato	219.0			45.0			45.0			45.0	9.9	9.9	9.9	29.6
Bean	78.0			9.0			9.0			0.0	0.7	0.7	0.0	1.4
Cotton	103.0			90.0			45.0			31.5	9.3	4.6	3.2	17.1
Total	1080.0										55.7	23.8	22.4	101.9
1990 Overall Consumption Estimate											84.1	12.8	8.4	105.3

The Philippines Year 1990	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize	3589.0	66.0	53.2		66.0	14.4		66.0	9.0		126.0	34.1	21.3	203.7
Rice	3319.0	84.0	44.8		84.0	9.0		84.0	7.5		124.9	25.1	20.9	248.1
Rice/Irrigated	2579.6			44.6			6.6			7.9	115.1	17.0	20.4	152.5
Rice/Rainfed	1524.3			13.1			8.8			5.3	20.0	13.4	8.1	41.5
Maize	2999.4			33.3			6.7			3.6	99.9	20.1	10.8	130.8
Total	14011.3										485.8	109.7	81.5	677.0
1990 Overall Consumption Estimate											400.6	104.8	81.5	586.9

Poland	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1993											
Barley	1167.0	56.0	83.7	32.0	46.0	31.0	65.3	54.7	17.2	23.6	95.5
Maize	35.0	90.0	73.0	60.0	47.6	70.0	65.3	2.3	1.0	1.6	4.9
Oat	642.0	45.0	74.8	30.0	34.3	30.0	49.8	21.6	6.6	9.6	37.8
Rye	2213.0	34.0	75.5	20.0	49.7	20.0	73.7	56.8	22.0	32.6	111.4
Triticale	657.0	60.0	85.0	25.0	59.1	25.0	81.6	33.5	9.7	13.4	56.6
Wheat	2477.0	64.0	76.0	32.0	42.4	34.0	55.0	120.5	33.6	46.3	200.4
Cereals/Others	1256.0	40.0	86.6	30.0	35.8	30.0	46.4	43.5	13.5	17.5	74.5
Potato	1761.0	30.0	62.7	25.0	32.0	30.0	31.4	33.1	14.1	16.6	63.8
Pulses	300.0	30.0	47.8	25.0	50.7	25.0	53.3	4.3	3.8	4.0	12.1
Fruits	290.0	40.0	69.8	30.0	20.7	30.0	19.5	8.1	1.8	1.7	11.6
Rapeseed	348.0	90.0	126.4	85.0	53.1	85.0	55.4	39.6	15.7	16.4	71.7
Sugar beet	399.0	95.0	95.5	95.0	44.9	95.0	54.4	36.2	17.0	20.6	73.8
Tobacco	18.0	95.0	58.5	95.0	64.3	95.0	99.4	1.0	1.1	1.7	3.8
Flax	4.0	80.0	31.3	80.0	31.3	80.0	31.3	0.1	0.1	0.1	0.3
Vegetables	278.0	30.0	60.0	30.0	50.4	30.0	80.3	5.0	4.2	6.7	15.9
Grassland/Pasture	4046.0	34.0	80.3	23.0	31.7	23.0	35.0	110.5	29.5	32.6	172.5
Maize/Green Silage	178.0	80.0	70.9	75.0	33.7	75.0	78.7	10.1	4.5	10.5	25.1
Fodder beet	195.0	60.0	76.1	60.0	41.9	60.0	53.9	8.9	4.9	6.3	20.1
Fodder/Others	1280.0	50.0	102.0	35.0	21.0	35.0	41.1	65.3	9.4	18.4	93.1
Others	585.0	80.0	99.8	15.0	6.8	15.0	3.4	46.7	0.6	0.3	47.6
1993 Overall Consumption Estimate	Total 18129.0							701.8	210.3	280.5	1192.6
								758.0	243.0	281.0	1282.0

Portugal	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1996													
Wheat	260.0			80.0			55.0			10.0	20.8	14.3	2.6
Barley	43.0			60.0			50.0			5.0	2.6	2.2	0.2
Rye, oat, rice	164.0			60.0			35.0			0.0	9.8	5.7	0.0
Grain maize, incl. CCM	186.0			160.0			60.0			55.0	29.8	11.2	10.2
Potato	77.0			100.0			80.0			80.0	7.7	6.2	6.2
Sugar beet	3.0			150.0			90.0			120.0	0.5	0.3	0.4
Oilseed rape	2.0			100.0			70.0			50.0	0.2	0.1	0.1
Sunflower, soya, linseed	95.0			0.0			0.0			0.0	0.0	0.0	0.0
Pulses (peas, beans)	3.0			5.0			35.0			5.0	0.0	0.1	0.0
Vegetables	120.0			130.0			80.0			75.0	15.6	9.6	9.0
Fodder (legumes)	4.0			80.0			30.0			30.0	0.3	0.1	0.1
Fodder (others)	20.0			80.0			30.0			30.0	1.6	0.6	0.6
Silage maize	176.0			80.0			30.0			30.0	14.1	5.3	5.3
Others (incl. tobacco)	2.0			40.0			120.0			180.0	0.1	0.2	0.4
Perm. crops (fruit, vineyard)	415.0			48.0			25.0			25.0	19.9	10.4	10.4
Grassland fertilized	180.0			40.0			26.0			18.0	7.2	4.7	3.2
Set-aside, industrial crops	1.0			100.0			70.0			50.0	0.1	0.1	0.1
Fertilized forests	87.0			30.0			60.0			15.0	2.6	5.2	1.3
Total	1838.0										132.9	76.2	50.0
1996 Overall Consumption Estimate											150.0	75.0	50.0

Romania	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1995													
Maize	3115.0			66.0			42.0			0.0	65.2	19.2	0.0
Wheat/Winter	2480.8			71.5			56.0			0.0	135.7	79.3	0.0
Sunflower	714.5			64.8			61.0			25.0	13.7	11.0	1.5
Barley	581.7			78.9			45.2			0.0	15.1	5.0	0.0
Potato	244.3			79.1			67.7			76.5	8.6	6.6	6.7
Sugar beet	133.2			82.0			61.0			61.3	7.9	5.2	2.8
Soybean	73.4			55.4			40.0			0.0	1.8	1.3	0.0
Pulses	1202.3			68.0			0.0			0.0	18.0	0.0	0.0
Apple	289.0			76.0			61.0			38.0	3.3	2.6	1.6
Grape	298.4			68.0			60.0			49.0	1.6	1.4	0.7
Vegetables	213.8			89.0			84.0			59.0	5.9	5.6	3.9
Pasture/Fodder	287.0			54.0							15.5	0.0	0.0
Total	9633.4										292.3	137.3	17.3
1995 Overall Consumption Estimate											232.8	126.6	3.4

Russian Federation		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1994	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	18452.7			13.9			8.4			2.9	256.5	155.0	53.5	465.0
Rice	190.3			67.8			24.2			10.5	12.9	4.6	2.0	19.5
Cereals/Others	47430.1			12.5			7.5			3.6	592.9	355.7	170.7	1119.4
Sugar beet	1045.0			62.8			46.3			41.1	65.6	48.4	42.9	157.0
Potato	430.2			30.9			34.9			53.7	13.3	15.0	23.1	51.4
Vegetables	222.6			46.7			30.5			37.7	10.4	6.8	8.4	25.6
Fodder	35670.0			14.4			2.3			2.8	513.6	82.0	99.9	695.6
Total											1465.2	667.6	400.6	2533.4
1994 Overall Consumption Estimate											900.0	260.0	350.0	1510.0

Saudi Arabia		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	573.0			69.8			52.4			3.3	40.0	30.0	1.9	71.9
Barley	78.0			192.3			300.0			25.0	15.0	23.4	2.0	40.3
Fodder	270.0			237.0			222.2			29.6	64.0	60.0	8.0	132.0
Potato	21.0			190.0			140.0			90.0	4.0	2.9	1.9	8.8
Vegetables	115.0			173.9			160.0			147.8	20.0	18.4	17.0	55.4
Fruits	130.0			161.5			176.9			76.9	21.0	23.0	10.0	54.0
Total											164.0	157.8	40.7	362.4
1996 Overall Consumption Estimate											171.0	138.0	14.0	323.0

Senegal		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1990			% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		91.0	43.0	33.0		43.0	25.6		43.0	25.6		1.3	1.0	1.0	3.3
Rice		72.0	32.0	134.5		32.0	21.7		0.0	0.0		3.1	0.5	0.0	3.6
Pulses/Others		50.0	12.0	13.0		12.0	44.0		12.0	22.0		0.1	0.3	0.1	0.5
Groundnut		871.0	3.0	15.0		3.0	19.1		3.0	19.1		0.4	0.5	0.5	1.4
Cotton		44.0	80.0	29.0		80.0	20.0		80.0	19.9		1.0	0.7	0.7	2.4
Vegetables		10.0	10.0	50.0		10.0	45.0		10.0	89.0		0.1	0.0	0.1	0.2
Total		1138.0										5.9	3.0	2.4	11.4
1990 Overall Consumption Estimate												6.0	3.5	2.3	11.8

South Africa		Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1997			% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize		3650.0			52.2			21.7			5.1	190.5	79.2	18.6	288.4
Wheat		1400.0			30.0			21.8			3.6	42.0	30.5	5.0	77.6
Sorghum/Grain		200.0			36.0			17.5			3.5	7.2	3.5	0.7	11.4
Groundnut		135.0			5.2			11.1			1.5	0.7	1.5	0.2	2.4
Sunflower		580.0			12.8			16.6			2.1	7.4	9.6	1.2	18.3
Soybean		68.0			2.9			8.8			2.9	0.2	0.6	0.2	1.0
Oat		600.0			10.8			9.7			2.8	6.5	5.8	1.7	14.0
Barley/Winter		110.0			20.9			14.5			3.6	2.3	1.6	0.4	4.3
Rye		45.0			13.3			13.3			2.2	0.6	0.6	0.1	1.3
Bean/Dry		75.0			14.7			21.3			6.7	1.1	1.6	0.5	3.2
Sugar cane		400.0			87.0			54.5			125.5	34.8	21.8	50.2	106.8
Cotton		85.0			12.9			9.4			1.2	1.1	0.8	0.1	2.0
Lucerne		214.0			13.6			53.7			21.5	2.9	11.5	4.6	19.0
Tobacco		16.0			37.5			150.0			93.8	0.6	2.4	1.5	4.5
Fruit/Deciduous		52.0			109.6			28.8			84.6	5.7	1.5	4.4	11.6
Grape		120.0			50.0			36.7			24.2	6.0	4.4	2.9	13.3
Citrus		46.0			80.4			37.0			60.9	3.7	1.7	2.8	8.2
Fruit/Sub-Tropical		20.0			180.0			55.0			240.0	3.6	1.1	4.8	9.5
Potato		60.0			170.0			160.0			120.0	10.2	9.6	7.2	27.0
Vegetables		95.0			173.7			160.0			120.0	16.5	15.2	11.4	43.1
Pasture		1750.0			15.0			13.0			2.2	26.3	22.8	3.9	52.9
Total		9721.0										369.9	227.3	122.4	719.6
1997 Overall Consumption Estimate												407.0	233.0	138.0	778.0

Spain	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1996										
Wheat	2044.0		85.0		47.0			173.7	96.1	51.1
Barley	3706.0		77.0		44.0			285.4	163.1	85.2
Rye, oat, rice	693.0		71.8		28.1			49.8	19.5	12.6
Grain maize, incl. CCM	497.0		240.0		115.0			119.3	57.2	54.7
Potato	167.0		147.0		80.0			24.5	13.4	15.9
Sugar beet	155.0		180.0		100.0			27.9	15.5	17.1
Oilseed rape	53.0		110.0		70.0			5.8	3.7	4.0
Sunflower, soya, linseed	1005.0		9.0		5.0			9.0	5.0	5.0
Pulses (peas, beans)	609.0		13.0		15.0			7.9	9.1	6.1
Vegetables	425.0		236.0		100.0			100.3	42.5	44.6
Fodder (legumes)	335.0		18.0		48.0			6.0	16.1	15.1
Fodder (others)	370.0		32.0		20.0			11.8	7.4	7.4
Silage maize	115.0		80.0		45.0			9.2	5.2	5.8
Others (incl. tobacco)	140.0		150.0		100.0			21.0	14.0	14.0
Perm. crops (fruit, vineyard)	4682.0		54.2		21.2			253.6	99.2	113.9
Grassland fertilized	236.0		39.0		32.0			9.2	7.6	6.8
Set-aside, industrial crops	30.0		100.0		65.0			3.0	2.0	2.7
Fertilized forests	15.0		20.0		10.0			0.3	0.2	0.6
Total	15277.0							1117.9	576.6	462.0
1996 Overall Consumption Estimate								1153.1	559.9	450.9

Sri Lanka	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1996										
Rice	800.0		88.8		20.8			71.0	16.6	22.2
Coconut	415.0		8.6		6.7			3.6	2.8	8.0
Tea	197.0		161.9		28.1			31.9	5.5	17.3
Rubber	195.0		9.3		10.6			1.8	2.1	1.8
Others	250.0		35.4		30.3			8.9	7.6	8.6
Tobacco	9.0		22.2		65.6			0.2	0.6	0.6
Total	1866.0							117.4	35.2	58.4
1996 Overall Consumption Estimate								117.5	35.0	58.6

Sweden	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1996										
Wheat	344.0		110.0		17.0		10.0	37.8	5.8	3.4
Barley	487.0		78.0		18.0		10.0	38.0	8.8	4.9
Rye, oat, rice	439.0		68.0		14.0		10.0	29.9	6.1	4.4
Grain maize, incl. CCM	0.0		0.0		0.0		0.0	0.0	0.0	0.0
Potato	36.0		83.0		70.0		120.0	3.0	2.5	4.3
Sugar beet	60.0		100.0		40.0		70.0	6.0	2.4	4.2
Oilseed rape	65.0		110.0		36.0		30.0	7.2	2.3	2.0
Sunflower, soya, linseed	0.0		60.0		0.0		0.0	0.0	0.0	0.0
Pulses (peas, beans)	32.0		0.0		40.0		10.0	0.0	1.3	0.3
Vegetables	13.0		100.0		70.0		110.0	1.3	0.9	1.4
Fodder (others)	780.0		80.0		17.0		35.0	62.4	13.3	27.3
Others (incl. tobacco)	50.0		0.0		40.0		0.0	0.0	2.0	0.0
Grassland fertilized	254.0		75.0		14.0		5.0	19.1	3.6	1.3
Set-aside, industrial crops	0.0		30.0		0.0		10.0	0.0	0.0	0.0
Fertilized forests	25.0		150.0		0.0		0.0	3.8	0.0	0.0
Total	2585.0							208.3	49.0	53.5
1996 Overall Consumption Estimate								201.0	49.0	54.0

Switzerland	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1996										
Wheat	97.0		170.0		44.0		63.0	16.5	4.3	6.1
Barley	51.0		127.0		43.0		56.0	6.5	2.2	2.9
Rye, oat, rice	19.0		114.0		41.0		53.0	2.2	0.8	1.0
Grain maize, incl. CCM	30.0		170.0		84.0		126.0	5.1	2.5	3.8
Potato	17.0		168.0		80.0		225.0	2.9	1.4	3.8
Sugar beet	16.0		145.0		78.0		211.0	2.3	1.2	3.4
Oilseed rape	14.0		180.0		75.0		117.0	2.5	1.1	1.6
Sunflower, soya, linseed	2.0		45.0		50.0		61.0	0.1	0.1	0.1
Pulses (peas, beans)	2.0		25.0		65.0		51.0	0.1	0.1	0.1
Vegetables	8.0		170.0		150.0		175.0	1.4	1.2	1.4
Fodder (legumes)	2.0		0.0		47.0		35.0	0.0	0.1	0.1
Fodder (others)	4.0		65.0		45.0		58.0	0.3	0.2	0.2
Silage maize	43.0		75.0		50.0		65.0	3.2	2.2	2.8
Others (incl. tobacco)	3.0		50.0		45.0		137.0	0.2	0.1	0.4
Perm. crops (fruit, vineyard)	21.0		74.0		53.0		82.0	1.6	1.1	1.7
Grassland fertilized	360.0		47.0		19.0		21.0	16.9	6.8	7.6
Set-aside, industrial crops	13.0		70.0		20.0		20.0	0.9	0.3	0.3
Total	702.0							62.4	25.6	37.3
1996 Overall Consumption Estimate								65.0	17.0	34.0

Syria	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1995										
Wheat	1644.0			30.0				49.3	49.3	0.0
Barley	1963.0			30.0				58.9	58.9	0.0
Maize	69.0			35.0				2.4	2.1	0.0
Tomato	20.0			50.0				1.0	0.6	0.0
Potato	23.0			35.0				0.8	0.7	0.1
Cotton	204.0			50.0				10.2	10.2	0.0
Sugar beet	31.0			60.0				1.9	1.9	0.0
Olive	422.0			35.0				14.8	12.7	0.0
Grape	67.0			35.0				2.3	2.0	0.0
Total	4443.0							141.6	138.3	0.1
1995 Overall Consumption Estimate								236.3	98.7	6.5

Tajikistan	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1992										
Maize	9.0	67.0	250.0		67.0	140.0		1.5	0.8	0.3
Rice	6.0	83.0	200.0		83.0	120.0		1.0	0.6	0.1
Wheat	154.0	29.0	80.0		57.0	40.0		3.6	3.5	0.2
Potato	10.0	50.0	170.0		50.0	120.0		0.9	0.6	0.4
Cotton	300.0	97.0	265.0		97.0	150.0		77.1	43.7	17.5
Vegetables	16.0	100.0	200.0		100.0	120.0		3.2	1.9	1.0
Pasture/Fodder	191.0	100.0	56.0		100.0	35.6		10.7	6.8	1.3
Tobacco	7.0	100.0	150.0		100.0	150.0		1.1	1.1	0.7
Total	693.0							99.0	59.0	21.4
1992 Overall Consumption Estimate									Not available	179.4

Tanzania	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)		
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O
Year 1992										
Maize	1908.0	10.0	80.0		10.0	1.0		15.3	7.6	0.2
Rice	306.0	21.0	40.0		0.0	0.0		2.6	1.3	0.0
Coffee	242.0	10.0	8.0		10.0	10.0		0.2	0.2	0.2
Tea	30.0	93.0	100.0		93.0	20.0		2.8	0.6	0.6
Tobacco	55.0	100.0	30.0		100.0	90.0		1.7	6.6	5.0
Total	2541.0							22.5	16.3	5.9
1992 Overall Consumption Estimate								33.1	10.0	4.8

Thailand Year 1990	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize	1746.0	61.0	62.5		61.0	62.5		0.0	0.0		66.6	66.6	0.0	133.1
Rice	9906.0	85.0	45.1		85.0	16.0		85.0	2.5		379.7	134.7	21.1	535.5
Sorghum	194.0	10.0	62.5		10.0	62.5		0.0	0.0		1.2	1.2	0.0	2.4
Cassava	1492.0	10.0	75.0		10.0	75.0		10.0	75.0		11.2	11.2	11.2	33.6
Mungbean	449.0	0.0	0.0		24.0	37.5		0.0	0.0		0.0	4.0	0.0	4.0
Pineapple	75.0	98.0	160.0		98.0	160.0		98.0	260.0		11.8	11.8	19.1	42.6
Coconut	393.0	10.0	8.0		10.0	8.0		10.0	13.0		0.3	0.3	0.5	1.1
Groundnut	122.0	0.0	0.0		59.0	37.5		0.0	0.0		0.0	2.7	0.0	2.7
Oil palm	142.0	98.0	66.0		98.0	55.0		98.0	137.5		9.2	7.7	19.1	36.0
Soybean	425.0	0.0	0.0		50.0	37.5		0.0	0.0		0.0	8.0	0.0	8.0
Coffee	63.0	77.0	75.0		77.0	75.0		77.0	75.0		3.6	3.6	3.6	10.9
Sugar cane	789.0	99.0	65.0		20.0	65.0		10.0	105.0		50.8	10.3	8.3	69.3
Rubber	1759.0	78.0	30.4		78.0	15.2		78.0	26.6		41.7	20.9	36.5	99.1
Total	17555.0										576.1	282.9	119.4	978.4
1990 Overall Consumption Estimate											576.5	318.3	148.9	1043.7

Togo	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1990														
Maize	296.0	16.0	37.0		16.0	13.0		16.0	13.0		1.8	0.6	0.6	3.0
Rice	19.0	13.0	48.0		13.0	22.0		13.0	22.0		0.1	0.1	0.1	0.2
Sorghum	184.0	15.0	24.0		15.0	9.0		15.0	8.0		0.7	0.2	0.2	1.1
Coffee	21.0	46.0	21.0		46.0	19.0		46.0	7.0		0.2	0.2	0.1	0.5
Cotton	81.0	99.0	38.0		99.0	33.0		99.0	20.0		3.0	2.6	1.6	7.3
Sugar cane	1.0	100.0	308.0		100.0	174.0		100.0	174.0		0.3	0.2	0.2	0.7
Total	602.0										6.1	3.9	2.7	12.7
1990 Overall Consumption Estimate											5.0	5.0	1.5	11.5

Turkey	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1995		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	6461.0	90.0	43.6		90.0	22.6		90.0	0.5		253.5	131.4	2.9	387.9
Wheat/Native	2939.0	85.0	57.5		85.0	37.5		85.0	0.2		143.6	93.7	0.5	237.8
Barley	3525.0	77.0	37.4		77.0	22.2		77.0	0.2		101.5	60.3	0.5	162.3
Maize	515.0	87.0	102.2		87.0	71.6		87.0	3.7		45.8	32.1	1.7	79.5
Rice	50.0	100.0	140.1		100.0	63.5		100.0	1.4		7.0	3.2	0.1	10.3
Cereals/Others	327.0	62.0	27.0		62.0	13.7		62.0	0.1		5.5	2.8	0.0	8.3
Bean	170.0	86.0	83.6		86.0	30.0		86.0	1.3		12.2	4.4	0.2	16.8
Chickpea	745.0	81.0	12.9		81.0	10.4		81.0	1.7		7.8	6.3	1.0	15.1
Lentil	640.0	67.0	13.1		67.0	13.1		67.0	0.0		5.6	5.6	0.0	11.2
Broadbean	26.0	78.0	10.7		78.0	19.5		78.0	0.6		0.2	0.4	0.0	0.6
Pulses/Others	11.0	57.0	192.8		57.0	114.9		57.0	1.9		1.2	0.7	0.0	1.9
Sunflower	585.0	97.0	63.6		97.0	28.7		97.0	13.3		36.1	16.3	7.5	59.9
Cotton	741.0	100.0	97.3		100.0	63.0		100.0	9.2		72.1	46.7	6.8	125.6
Tobacco	236.0	51.0	18.7		51.0	8.9		51.0	6.3		2.3	1.1	0.8	4.1
Sugar beet	312.0	100.0	89.9		100.0	58.6		100.0	21.0		28.0	18.3	6.6	52.9
Potato	200.0	87.0	151.9		87.0	57.1		87.0	10.5		26.4	9.9	1.8	38.2
Oilseeds/Others	348.0	87.0	27.5		87.0	14.5		87.0	3.0		8.3	4.4	0.9	13.6
Fruits	3216.0	58.0	39.1		58.0	13.8		58.0	7.0		72.9	25.7	13.1	111.7
Vegetables	785.0	86.0	64.3		86.0	28.9		86.0	12.5		43.4	19.5	8.4	71.4
Pasture/Fodder	582.0	59.0	16.6		59.0	15.3		59.0	0.9		5.7	5.3	0.3	11.3
Total	22414.0										879.3	487.9	53.2	1420.4
1995 Overall Consumption Estimate											1053.7	579.6	67.1	1700.4

Turkmenistan		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1990														
Cotton	623.0	80.0	192.0		80.0	94.0		80.0	36.0		95.7	46.8	17.9	160.5
1990 Overall Consumption Estimate	Total 623.0										95.7 135.0	46.8 91.0	17.9 19.0	160.5 245.0

Utd Arab Emirate Year 1990	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Wheat	1.0	100.0	200.0		100.0	200.0		100.0	100.0		0.2	0.2	0.1	0.5
Fruits	3.0	100.0	200.0		100.0	200.0		100.0	100.0		0.6	0.6	0.3	1.5
Vegetables	9.0	100.0	300.0		100.0	250.0		100.0	150.0		2.7	2.3	1.4	6.3
Others	8.0	100.0	250.0		100.0	220.0		100.0	100.0		2.0	1.8	0.8	4.6
Total	21.0										5.5	4.8	2.6	12.9
1990 Overall Consumption Estimate											9.2	1.2	2.1	12.5

United Kingdom	Area (000Ha)	N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Year 1996														
Wheat	2036.0			192.0			53.0			55.0	390.9	107.9	112.0	610.8
Barley	1358.0			125.0			55.0			64.0	169.8	74.7	86.9	331.4
Rye, oat, rice	120.0			113.0			52.0			60.0	13.6	6.2	7.2	27.0
Potato	166.0			168.0			174.0			243.0	27.9	28.9	40.3	97.1
Sugar beet	196.0			110.0			50.0			132.0	21.6	9.8	25.9	57.2
Oilseed rape	446.0			203.0			52.0			55.0	90.5	23.2	24.5	138.3
Sunflower, soya, linseed	73.0			68.0			30.0			24.0	5.0	2.2	1.8	8.9
Pulses (peas, beans)	197.0			3.0			34.0			39.0	0.6	6.7	7.7	15.0
Vegetables	126.0			133.0			46.0			99.0	16.8	5.8	12.5	35.0
Fodder (others)	72.0			80.0			64.0			70.0	5.8	4.6	5.0	15.4
Silage maize	109.0			57.0			57.0			64.0	6.2	6.2	7.0	19.4
Others (incl. tobacco)	48.0			52.0			23.0			30.0	2.5	1.1	1.4	5.0
Perm. crops (fruit, vineyard)	41.0			50.0			26.0			41.0	2.1	1.1	1.7	4.8
Grassland fertilized	5700.0			120.0			23.0			30.0	684.0	131.1	171.0	986.1
Set-aside, industrial crops	26.0			160.0			45.0			50.0	4.2	1.2	1.3	6.6
Fertilized forests	55.0			5.0			100.0			50.0	0.3	5.5	2.8	8.5
Total	10769.0										1441.5	416.2	508.9	2366.6
1996 Overall Consumption Estimate											1346.0	390.0	485.0	2221.0

United States Year 1996	Area (000Ha)	N		P ₂ O ₅		K ₂ O		Consumption (000Mt)			
		% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Maize	32200.8	96.0	148.9		85.0	63.8		4602.9	1746.2	2080.3	8429.5
Rice	1141.7	98.0	150.0		34.0	49.3		167.8	19.1	23.7	210.6
Sorghum	5341.2	86.0	85.1		44.0	36.1		390.9	84.8	14.5	490.2
Wheat/Winter	21043.3	86.0	68.3		51.0	33.6		1236.0	360.6	27.4	1624.0
Wheat/Spring	8113.5	89.0	75.0		79.0	34.7		541.6	222.4	45.8	809.8
Barley	2893.4	100.0	43.0		100.0	19.0		124.4	55.0	20.3	199.6
Oat	1887.7	100.0	14.0		100.0	9.0		26.4	17.0	18.9	62.3
Rye	597.8	100.0	8.0		100.0	4.0		4.8	2.4	3.0	10.2
Wheat/Durum	1470.2	93.0	67.2		73.0	26.6		91.9	28.5	2.8	123.2
Potato	589.6	99.0	218.3		97.0	193.7		127.4	110.8	82.6	320.8
Sunflower	1035.2	100.0	22.0		100.0	7.0		22.8	7.2	3.1	33.1
Soybean	26003.4	15.0	26.9		25.0	54.9		104.9	356.9	668.4	1130.2
Groundnut	567.6	69.0	24.6		79.0	49.3		9.6	22.1	34.7	66.4
Sugar cane	360.0	100.0	86.0		100.0	39.0		31.0	14.0	88.9	133.9
Sugar beet	554.2	100.0	105.0		100.0	41.0		58.2	22.7	26.6	107.5
Cotton	5926.7	77.0	112.0		55.0	53.7		511.1	175.0	159.8	846.0
Tobacco	296.7	99.0	96.5		99.0	134.1		28.3	39.4	66.1	133.8
Orange	327.3	99.0	183.6		48.0	48.1		59.5	7.6	48.2	115.2
Lemon	24.5	94.0	143.3		11.0	45.9		3.3	0.1	0.2	3.6
Lime	0.8	92.0	166.8		61.0	68.3		0.1	0.0	0.1	0.3
Grapefruit	70.6	97.0	143.3		72.0	62.7		9.8	3.2	10.0	23.0
Tangelo	5.1	99.0	190.3		69.0	72.8		1.0	0.3	1.0	2.2
Tangerine	139.9	97.0	178.0		60.0	38.1		24.2	3.2	21.2	48.5
Temple	43.2	100.0	175.8		48.0	44.8		7.6	0.9	7.9	16.4
Apple	186.9	77.0	59.4		37.0	38.1		8.5	2.6	5.0	16.2
Apricot	8.8	67.0	103.0		30.0	113.1		0.6	0.3	0.3	1.2
Avocado	25.8	96.0	138.8		41.0	79.5		3.4	0.8	1.1	5.3
Berry	23.2	96.0	84.0		85.0	78.4		1.9	1.5	1.7	5.1
Cherry/Sweet	19.5	84.0	91.8		34.0	39.2		1.5	0.3	0.5	2.3
Cherry/Tart	16.8	86.0	82.9		23.0	44.8		1.2	0.2	0.7	2.1
Date	1.9	75.0	110.9		22.0	103.0		0.2	0.0	0.0	0.2
Fig	6.2	65.0	90.7		20.0	51.5		0.4	0.1	0.1	0.5
Grape	309.4	84.0	75.0		28.0	61.6		19.5	5.3	14.8	39.7
Kiwifruit	2.7	84.0	86.2		11.0	63.8		0.2	0.0	0.1	0.3
Nectarine	14.0	92.0	127.6		51.0	60.5		1.6	0.4	0.7	2.8
Olive	13.6	78.0	80.6		6.0	49.3		0.9	0.0	0.1	0.9
Peach	68.3	90.0	94.1		39.0	42.5		5.8	1.1	3.3	10.2
Pear	28.6	88.0	122.0		31.0	45.9		3.1	0.4	0.5	4.0
Plum	17.3	75.0	106.4		21.0	31.4		1.4	0.1	0.2	1.7
Prune	32.5	88.0	136.6		21.0	66.1		3.9	0.5	2.4	6.7
Asparagus	30.8	80.0	112.0		26.0	63.8		2.8	0.5	1.7	5.0
Beab/Lima	2.2	77.0	76.1		49.0	68.3		0.1	0.1	0.1	0.3

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United States		Consumption (000Mt)									
Year 1996	Area (000Ha)	N		P ₂ O ₅		K ₂ O		N	P ₂ O ₅	K ₂ O	Total
		% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	
Bean/Fresh Snap	35.6	94.0	95.2	86.0	98.6	85.0	128.8	3.2	3.0	3.9	10.1
Bean/Snap Processed	87.6	99.0	71.7	94.0	71.7	89.0	76.1	6.2	5.9	5.9	18.1
Broccoli	53.3	96.0	230.7	80.0	122.0	63.0	68.0	11.8	5.2	2.3	19.3
Cabbage/Fresh	32.5	98.0	187.0	92.0	118.7	85.0	184.0	6.0	3.5	5.1	14.6
Cabbage/Processed	3.0	100.0	141.1	100.0	105.3	100.0	234.0	0.4	0.3	0.7	1.4
Carrot	36.7	98.0	203.8	93.0	165.9	78.0	129.0	7.3	5.7	3.7	16.7
Cauliflower	19.0	95.0	257.5	92.0	135.5	69.0	76.3	4.6	2.4	1.0	8.0
Celery	11.0	98.0	268.7	96.0	218.3	96.0	331.4	2.9	2.3	3.5	8.7
Maize/Fresh Sweet	95.9	95.0	140.0	92.0	90.7	91.0	152.0	12.8	8.0	13.3	34.0
Maize/Sweet Processed	199.3	99.0	151.2	91.0	70.5	84.0	95.0	29.8	12.8	15.9	58.5
Cucumber/Fresh	24.2	99.0	128.6	85.0	99.7	94.0	127.5	3.1	2.1	2.9	8.0
Cucumber/Processed	44.6	99.0	105.3	94.0	67.2	93.0	110.9	4.6	2.8	4.6	12.1
Eggplant	1.0	98.0	146.9	77.0	145.6	98.0	205.0	0.1	0.1	0.2	0.5
Lettuce/Head	82.3	100.0	293.4	83.0	212.3	45.0	86.4	24.1	14.5	3.2	41.8
Lettuce/Others	30.2	84.0	217.2	75.0	150.0	54.0	79.7	5.5	3.4	1.3	10.2
Cantaloupe	43.2	98.0	116.4	67.0	134.1	44.0	47.3	4.9	3.9	0.9	9.7
Honeydew	11.1	99.0	92.9	83.0	187.5	31.0	58.6	1.0	1.7	0.2	2.9
Watermelon	93.7	96.0	134.4	88.0	185.3	79.0	133.7	12.1	15.3	9.9	37.3
Onion/Dry	68.2	96.0	208.3	92.0	153.4	66.0	155.5	13.6	9.6	7.0	30.3
Pea/Processed	105.0	79.0	33.6	64.0	81.6	64.0	81.8	2.8	5.5	5.5	13.8
Pepper/Bell	26.7	96.0	267.6	80.0	211.6	82.0	315.2	6.9	4.5	6.9	18.3
Spinach/Fresh	6.7	86.0	166.8	76.0	108.6	65.0	90.4	1.0	0.6	0.4	1.9
Spinach/Processed	8.6	100.0	115.3	100.0	106.6	50.0	23.0	1.0	0.9	0.1	2.0
Strawberry	20.2	95.0	171.3	89.0	106.4	88.0	129.4	3.3	1.9	2.3	7.5
Tomato/Fresh	52.1	98.0	295.6	89.0	194.8	88.0	458.0	15.1	9.0	21.0	45.1
Tomato/Processed	139.9	98.0	182.5	93.0	115.3	53.0	55.3	25.0	15.0	4.1	44.1
Total	112774.5							8451.7	3454.0	3614.1	15519.8
1996 Overall Consumption Estimate								11184.5	4145.0	4870.9	20200.4

Uruguay		N			P ₂ O ₅			K ₂ O			Consumption (000Mt)			
Year 1990	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	% Fert	Rate Kg/Ha	Aver. Kg/Ha	N	P ₂ O ₅	K ₂ O	Total
Barley	71.0	100.0	51.6		100.0	60.8		0.0	0.0		3.7	4.3	0.0	8.0
Maize	70.0	28.0	24.8		28.0	39.3		28.0	1.6		0.5	0.8	0.0	1.3
Oat	52.0	73.0	22.8		73.0	26.9		73.0	0.2		0.9	1.0	0.0	1.9
Rice	103.0	100.0	32.8		100.0	58.0		100.0	2.2		3.4	6.0	0.2	9.6
Sorghum	28.0	100.0	54.8		100.0	54.8		100.0	0.4		1.5	1.5	0.0	3.1
Wheat	225.0	91.0	52.3		91.0	37.0		91.0	0.6		10.7	7.6	0.1	18.4
Potato	17.0	100.0	59.0		100.0	78.8		100.0	17.2		1.0	1.3	0.3	2.6
Citrus fruits	21.0	92.0	39.3		92.0	16.3		92.0	18.9		0.8	0.3	0.4	1.4
Grape	12.0	56.0	32.1		56.0	21.4		56.0	6.9		0.2	0.1	0.0	0.4
Fruits/Others	12.0	20.0	46.0		20.0	18.1		20.0	5.0		0.1	0.0	0.0	0.2
Soybean	45.0	32.0	3.2		32.0	60.1		32.0	0.2		0.0	0.9	0.0	0.9
Sugar cane	10.0	100.0	203.0		100.0	34.0		100.0	135.6		2.0	0.3	1.4	3.7
Sugar beet	4.0	100.0	175.0		100.0	164.0		100.0	39.5		0.7	0.7	0.2	1.5
Vegetables	24.0	100.0	56.5		100.0	40.8		100.0	13.6		1.4	1.0	0.3	2.7
Grassland/Pasture	652.0	100.0	1.0		100.0	20.4		100.0	0.0		0.7	13.3	0.0	14.0
Others	44.0	100.0	50.0		100.0	50.0		100.0	1.4		2.2	2.2	0.1	4.5
Total	1390.0										29.7	41.4	3.0	74.1
1990 Overall Consumption Estimate											27.6	41.2	3.0	71.8

Zambia		N				P ₂ O ₅				K ₂ O				Consumption (000Mt)			
Year 1996	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha		% Fert	Rate Kg/Ha	Aver. Kg/Ha		% Fert	Rate Kg/Ha	Aver. Kg/Ha		N	P ₂ O ₅	K ₂ O	Total
Maize	649.0			15.7				5.3				2.7		10.2	3.4	1.7	15.4
Millet	79.0			6.3				0.1				0.0		0.5	0.0	0.0	0.5
Soybean	17.0			6.6				7.9				4.0		0.1	0.1	0.1	0.3
Total	745.0													10.8	3.6	1.8	16.2
1996 Overall Consumption Estimate																	
														24.1	13.0	4.0	41.1

Zimbabwe		N				P ₂ O ₅				K ₂ O				Consumption (000Mt)			
Year 1995	Area (000Ha)	% Fert	Rate Kg/Ha	Aver. Kg/Ha		% Fert	Rate Kg/Ha	Aver. Kg/Ha		% Fert	Rate Kg/Ha	Aver. Kg/Ha		N	P ₂ O ₅	K ₂ O	Total
Tobacco/Virginia	78.0			76.9				115.4				102.6		6.0	9.0	8.0	23.0
Tobacco/Burley	2.5			200.0				136.0				120.0		0.5	0.3	0.3	1.1
Maize	1140.0			27.2				12.5				6.2		31.0	14.3	7.1	52.3
Cotton	45.0			73.3				60.0				48.9		3.3	2.7	2.2	8.2
Sorghum	6.0			83.3				41.6				21.6		0.5	0.2	0.1	0.9
Groundnut	2.0			35.0				60.0				30.0		0.1	0.1	0.1	0.3
Wheat	12.0			183.3				91.6				45.8		2.2	1.1	0.5	3.8
Barley	3.0			146.6				100.0				46.6		0.4	0.3	0.1	0.9
Bean/Edible	2.5			52.0				28.0				12.0		0.1	0.1	0.0	0.2
Soybean	60.0			20.0				36.6				25.0		1.2	2.2	1.5	4.9
Sunflower	2.0			50.0				35.0				15.0		0.1	0.1	0.0	0.2
Potato	6.0			158.3				205.0				166.6		0.9	1.2	1.0	3.2
Coffee	9.0			277.7				55.5				222.2		2.5	0.5	2.0	5.0
Fruits	8.0			137.5				30.0				120.0		1.1	0.2	1.0	2.3
Sugar cane	32.0			156.2				15.6				31.2		5.0	0.5	1.0	6.5
Tea	6.4			234.3				46.9				78.1		1.5	0.3	0.5	2.3
Horticulture	12.0			221.6				175.0				216.6		2.7	2.1	2.6	7.4
Fodder	6.0			66.6				41.6				40.0		0.4	0.2	0.2	0.9
Silage	7.0			142.8				48.6				47.1		1.0	0.3	0.3	1.7
Pasture	9.0			55.5				22.2				11.1		0.5	0.2	0.1	0.8
Total	1448.4													61.0	36.1	28.7	125.8
1995 Overall Consumption Estimate																	
														77.6	37.7	31.0	146.3

