SECTION 3

MAPPING FERTILIZER OFFTAKE DATA
TOTAL OFFTAKE OF CALCIUM AMMONIUM NITRATE (CAN)

Map Legend

- Administrative Limits
  - Country
  - Province
  - District

- District-wise total Offtake of CAN (kg/acre)
  - ≤ 50
  - 51 - 100
  - 101 - 150
  - 151 - 200
  - No significant data

About Map

This map shows overall total CAN offtake for all five major crops if grown on a field in same year. However, actual usage will be variable and lesser depending on the crop(s) grown. The overall CAN use is low in most of the districts except for a few cotton growing districts in Southern Punjab. Further, higher use of CAN observed in four districts in mixed cropping zone inferred from RFUA is not in accordance with the total CAN offtake.

Data Sources

- FAO, GSAUL, NFDC fertilizer offtake data (2012-2013)

Map Scale and Datum

- Nominal scale: 1:2,698,500 at A3
- Datum: WGS 84
- Date: 08 June 2016
- Created by: IM Unit, FAO Pakistan
- Map Number: PAK_Soil Fertility Atlas_Punjab_CAN_B_G_20150910

Disclaimer: The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or its authorities, or concerning the delimitation of its boundaries.
The map shows relative usage of NPK, indicating that invariably all farmers use N and P but with a highly variable N:P ratio. Further, use of K is not common and needs attention. Similar trends regarding K use are evident from RFLA data. Since K use rate is non-significant, so it has been shown in the map legend.

Data Sources:
FAO, GADL, NFDC Annual Fertilizer Review (2012-2013)

Map Scale and Datum:
Nominal scale: 1:2,608,500 at A3
Datum: WGS 84

Date: 13 June 2016
Created by: IM Unit, FAO Pakistan

Map Number: PAK_Soil Fertility Atlas_Punjab_NPK_11.4_201509510
REGION-WISE COMPARATIVE FERTILIZER OFFTAKE IN PUNJAB

**Cotton-Wheat**

- Malakand: 3%
- Choa Saidan Shah: 12%
- Nowshera: 10%
- Mardan: 9%
- Swabi: 9%
- Peshawar: 9%
- Mardan: 9%
- Abbottabad: 7%
- Kohat: 7%

Total fertilizer offtake: 7,563

**Rice-Wheat**

- Gujranwala: 23%
- Faisalabad: 21%
- Layyah: 19%
- Sargodha: 18%
- Mianwali: 10%
- Kasur: 7%
- Gujrat: 5%

Total fertilizer offtake: 1,655

**Maize-Wheat-Oilseeds**

Total fertilizer offtake: 749

*The total offtake was disaggregated from NFDC offtake data on area basis for Wheat, Rice, Maize, Cotton and Sugarcane, if grown in the same field in a year. However, actual usage will vary depending on the crop(s) sown. This is to note that no area for the selected commodities in Mixed Crops was reported in Chiniot district.

**Mixed Crops**

- Gujranwala: 16%
- Faisalabad: 10%
- Sargodha: 9%
- Mianwali: 8%
- Gujrat: 9%
- Kasur: 11%
- Mianwali: 14%
- Layyah: 19%

**Pulses-Wheat**

- Mianwali: 21%
- Faisalabad: 23%
- Gujranwala: 25%
- Gujrat: 31%

Note: The numbers in % above each bar represent each district’s share in total offtake of fertilizer in the particular region.