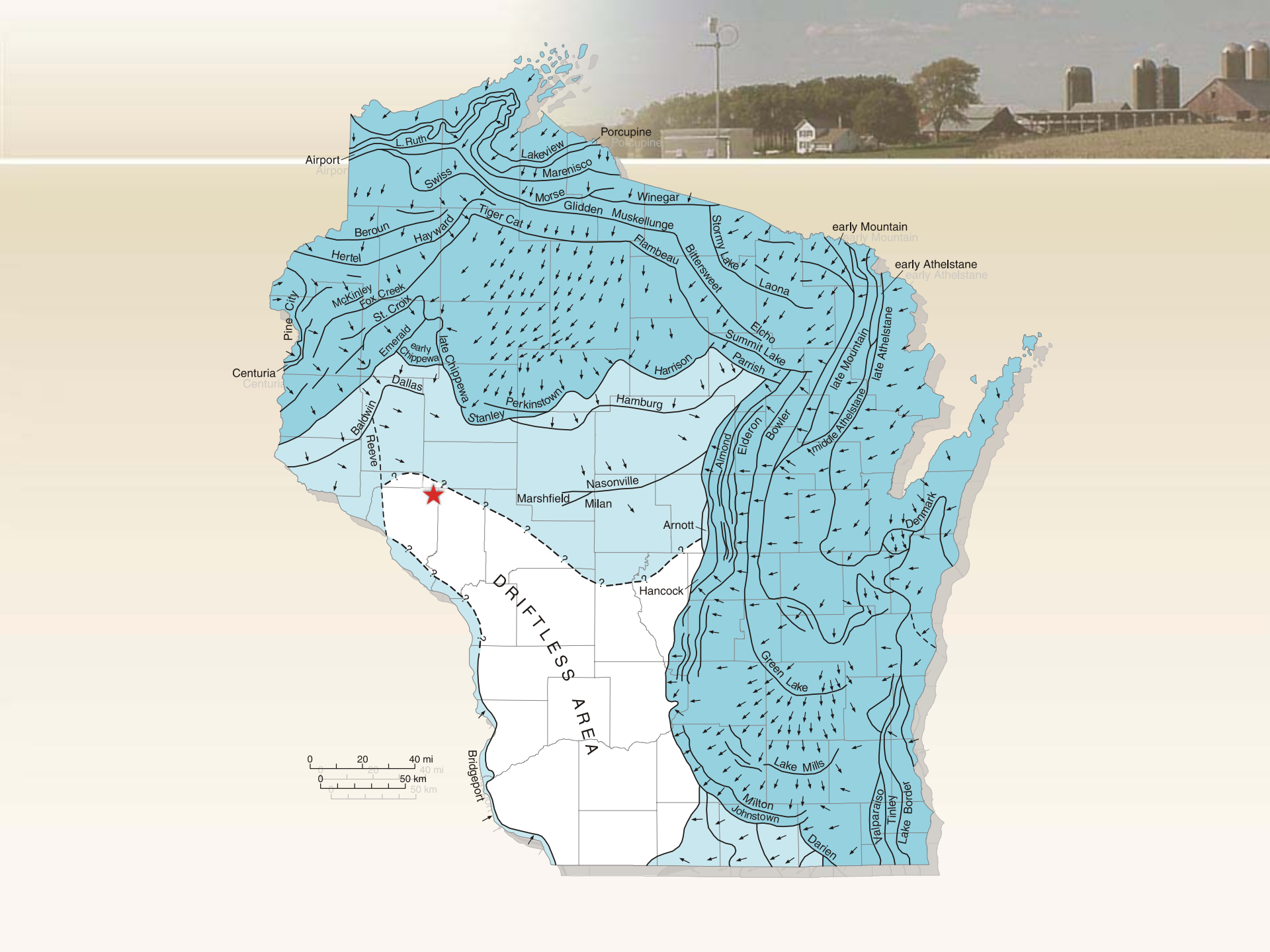
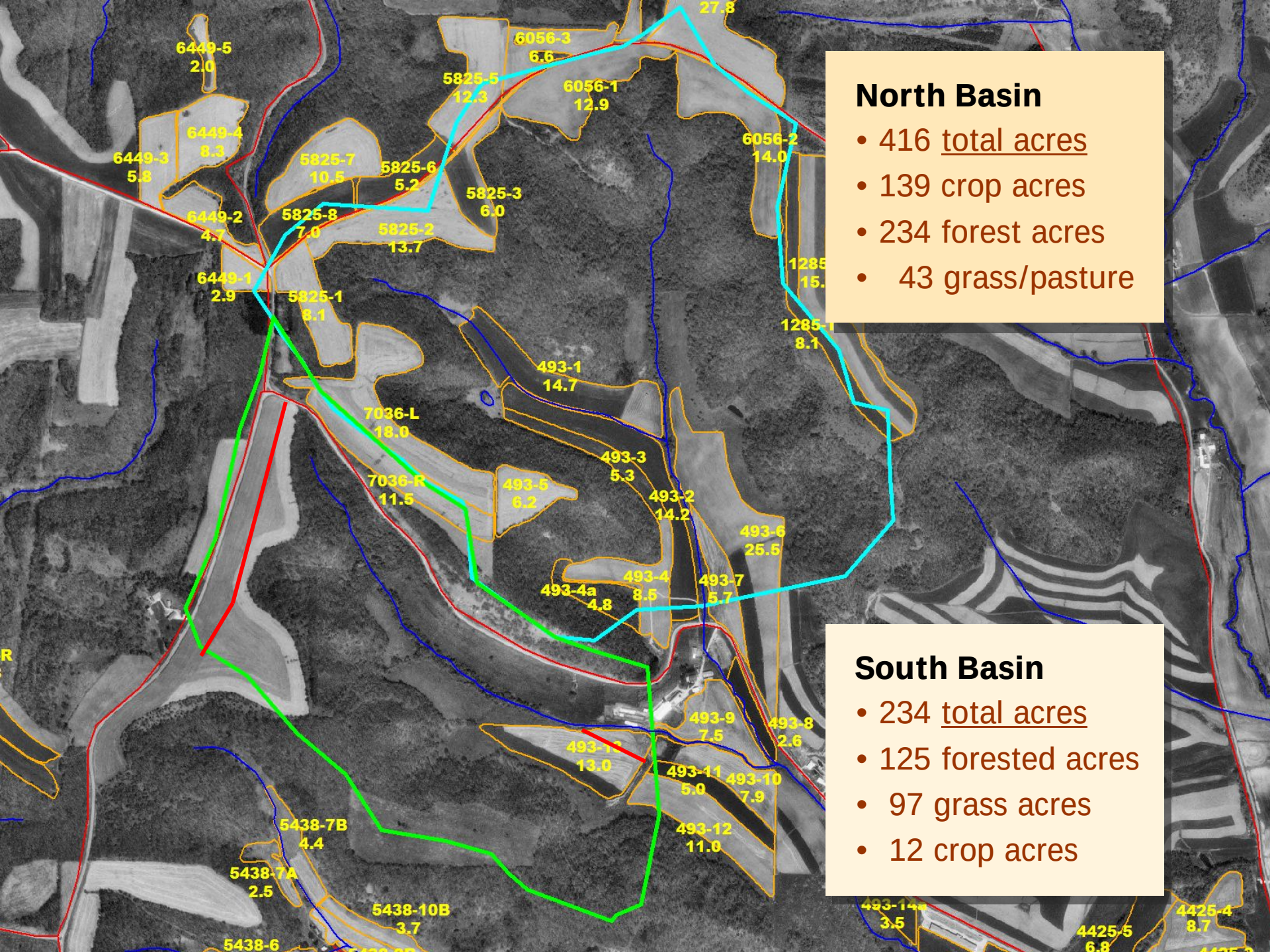
Nutrient and sediment losses from agricultural basins in west central Wisconsin

Fred Madison, Todd Stunteback, and Kevan Klingberg

The Discovery Farm Program


Porcupine
Airport
L. Ruth
Lakeview
Marenisco
Swiss
Morse
Winegar
Glidden
Muskellunge
Tiger Cat
Beroun
Hayward
Hertel
Flambeau
Bittersweet
Stormy Lake
Laona
early Mountain
early Athelstane
Pine City
McKinley
Fox Creek
St. Croix
Emerald
early Chippewa
late Chippewa
Centuria
Dallas
Harrison
Parrish
Summit Lake
Elcho
late Mountain
late Athelstane
middle Athelstane
Baldwin
Reeve
Perkinstown
Stanley
Hamburg
Almond
Elderon
Bowler
Nasonville
Marshfield
Milan
Arnott
Denmark
Hancock
DRIFTLESS AREA
Green Lake
Lake Mills
Milton
Johnstown
Darien
Valparaiso
Tinley
Lake Border
Bridgeport
0 20 40 mi
0 50 km

27.8
6449-5
2.0
6056-3
6.6
5825-5
12.3
6056-1
12.9
6449-4
8.3
6056-2
14.0
6449-3
5.8
5825-7
10.5
5825-6
5.2
5825-3
6.0
6449-2
4.7
5825-8
7.0
5825-2
13.7
1285-B
5.5
1285-M
15.6
6449-1
2.9
5825-1
8.1
1285-T
8.1
493-1
14.7
7036-L
18.0
493-3
5.3
7036-R
11.5
493-5
6.2
493-2
14.2
493-6
25.5
493-4
8.5
493-4a
4.8
493-7
5.7
493-9
7.5
493-8
2.6
493-13
13.0
493-11
5.0
493-10
7.9
5438-7B
4.4
493-12
11.0
5438-7A
2.5
5438-10B
3.7
493-14a
3.5
4425-4
8.7
4425-5
6.8
5438-6



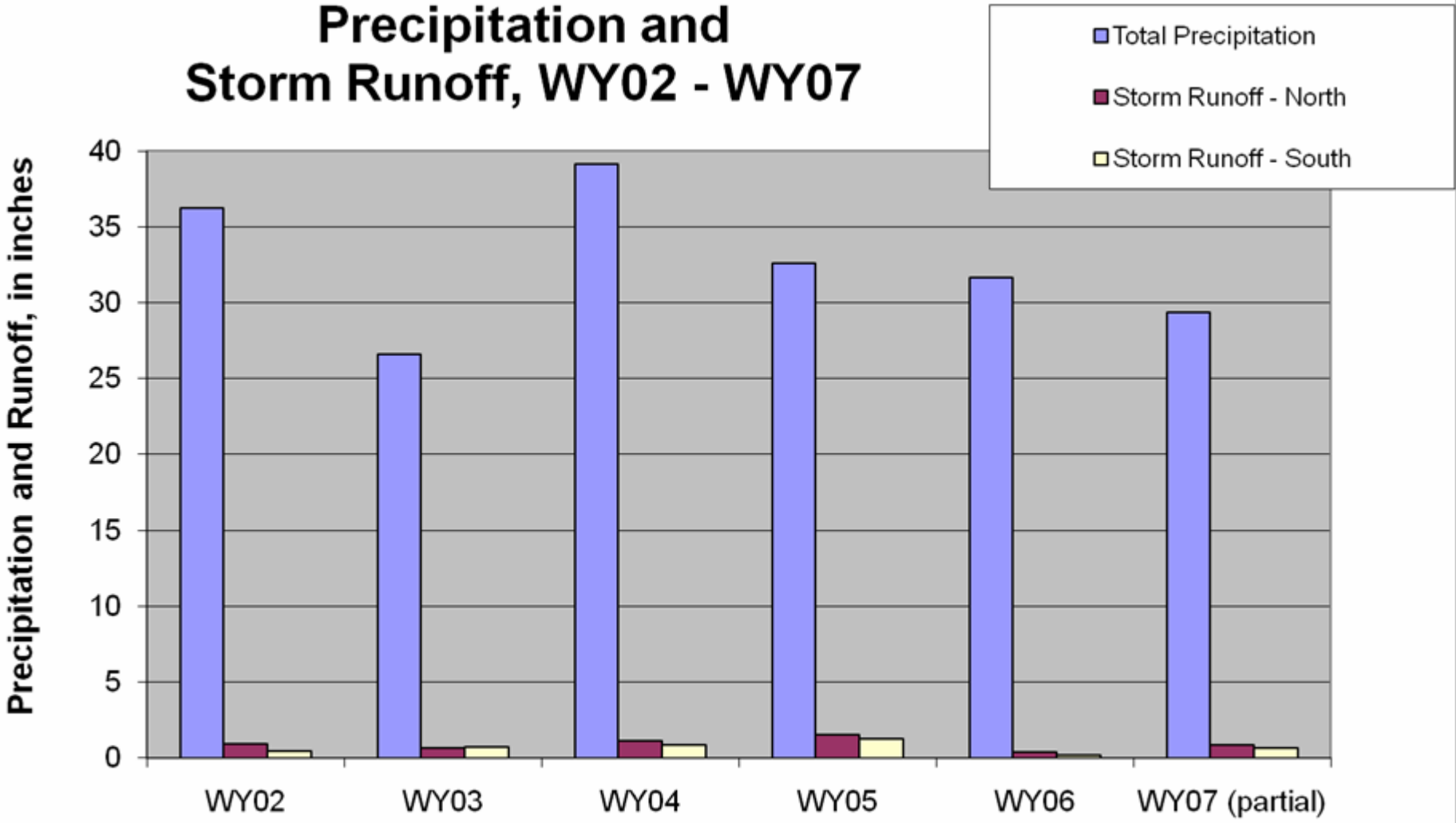
North Basin

- 416 total acres
- 139 crop acres
- 234 forest acres
- 43 grass/pasture

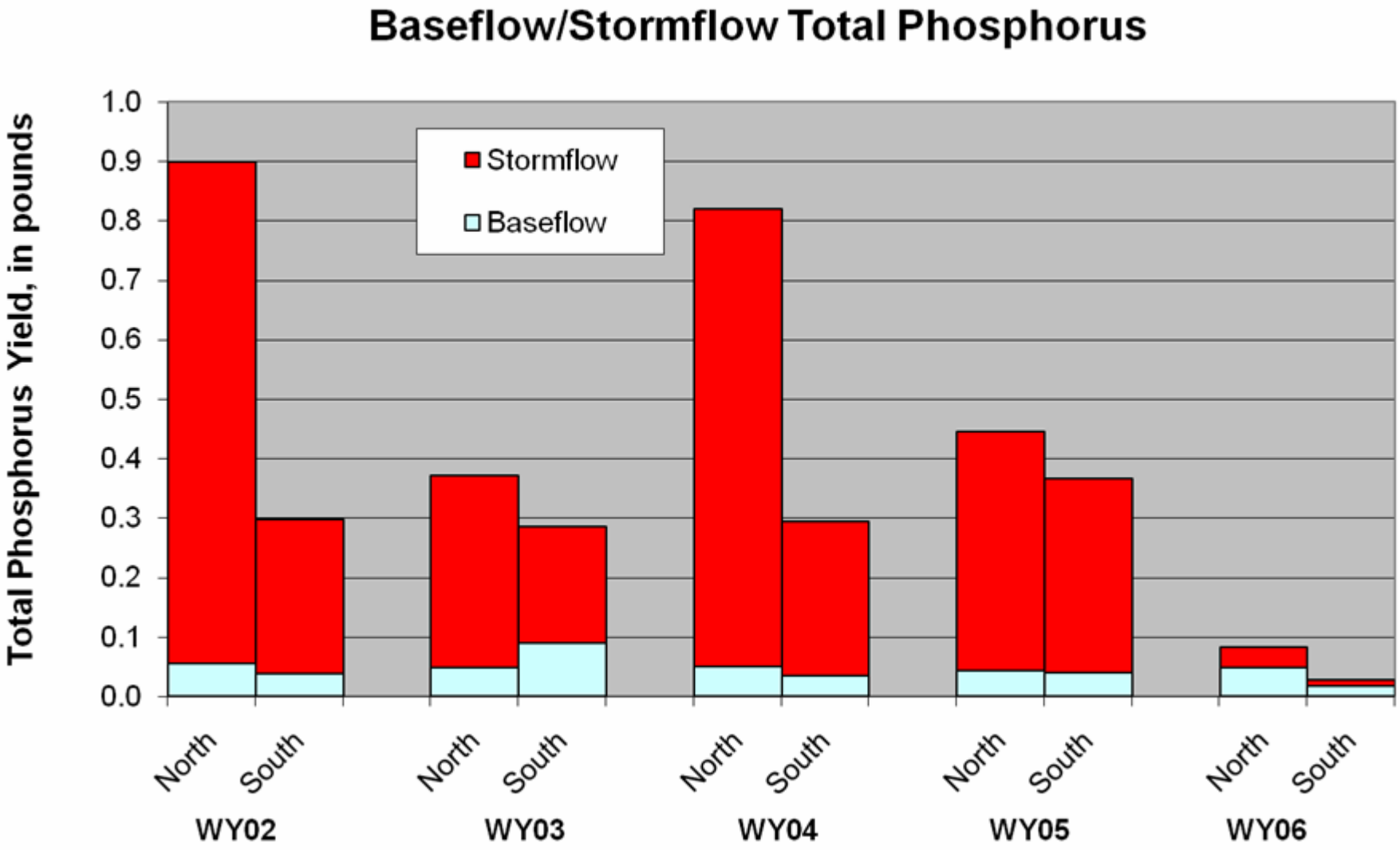
South Basin

- 234 total acres
- 125 forested acres
- 97 grass acres
- 12 crop acres

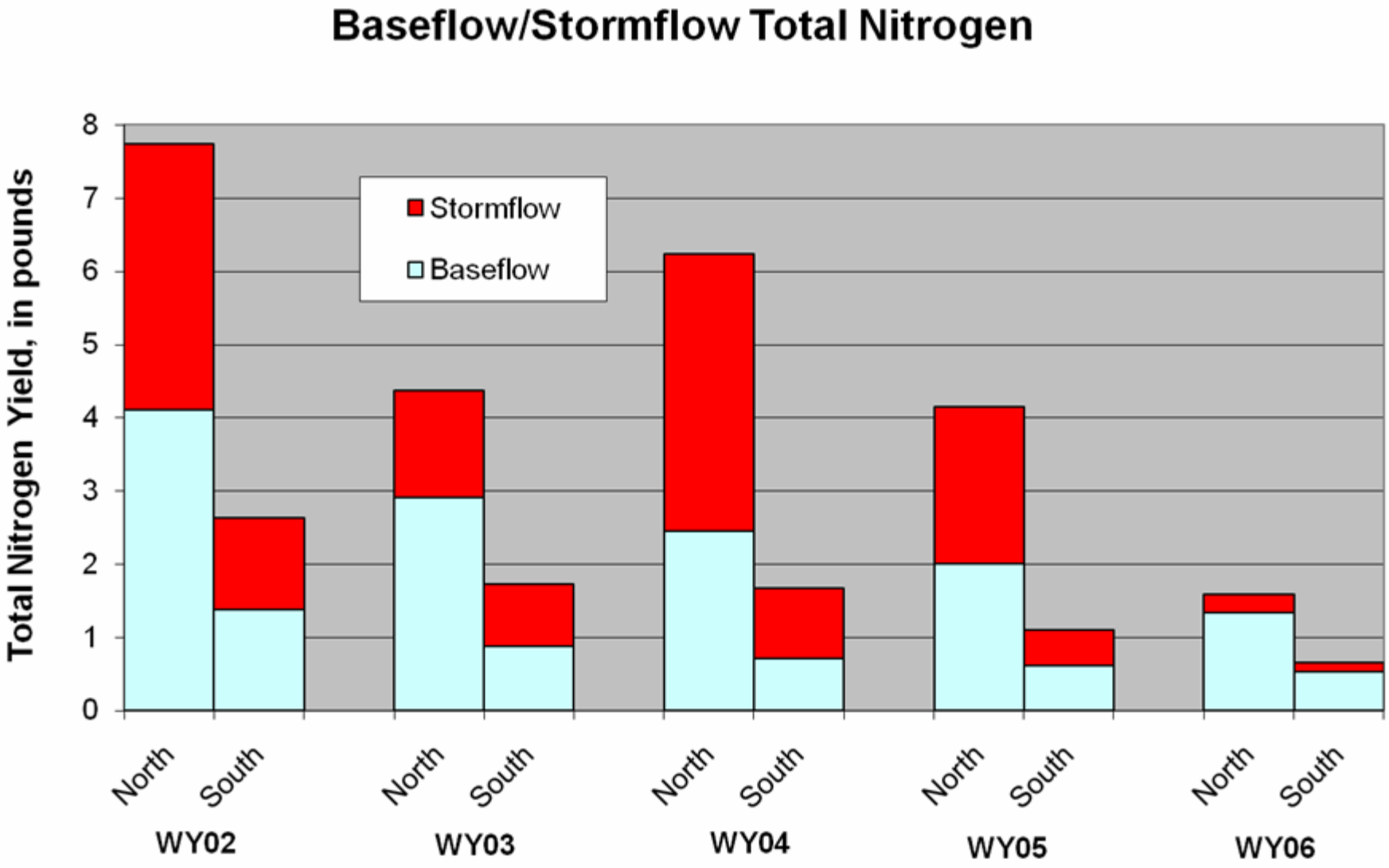
How much runoff?



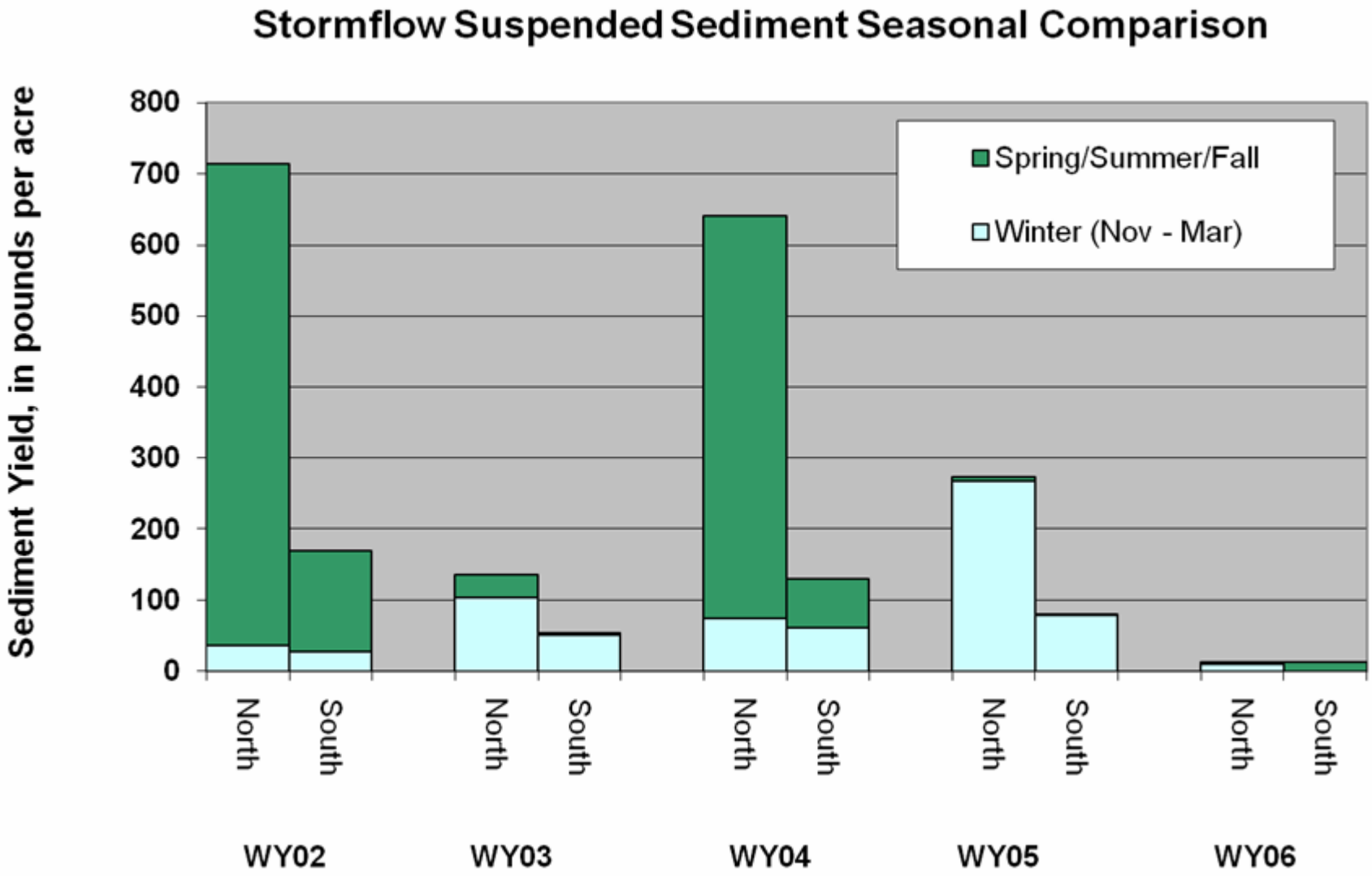
How much phosphorus?



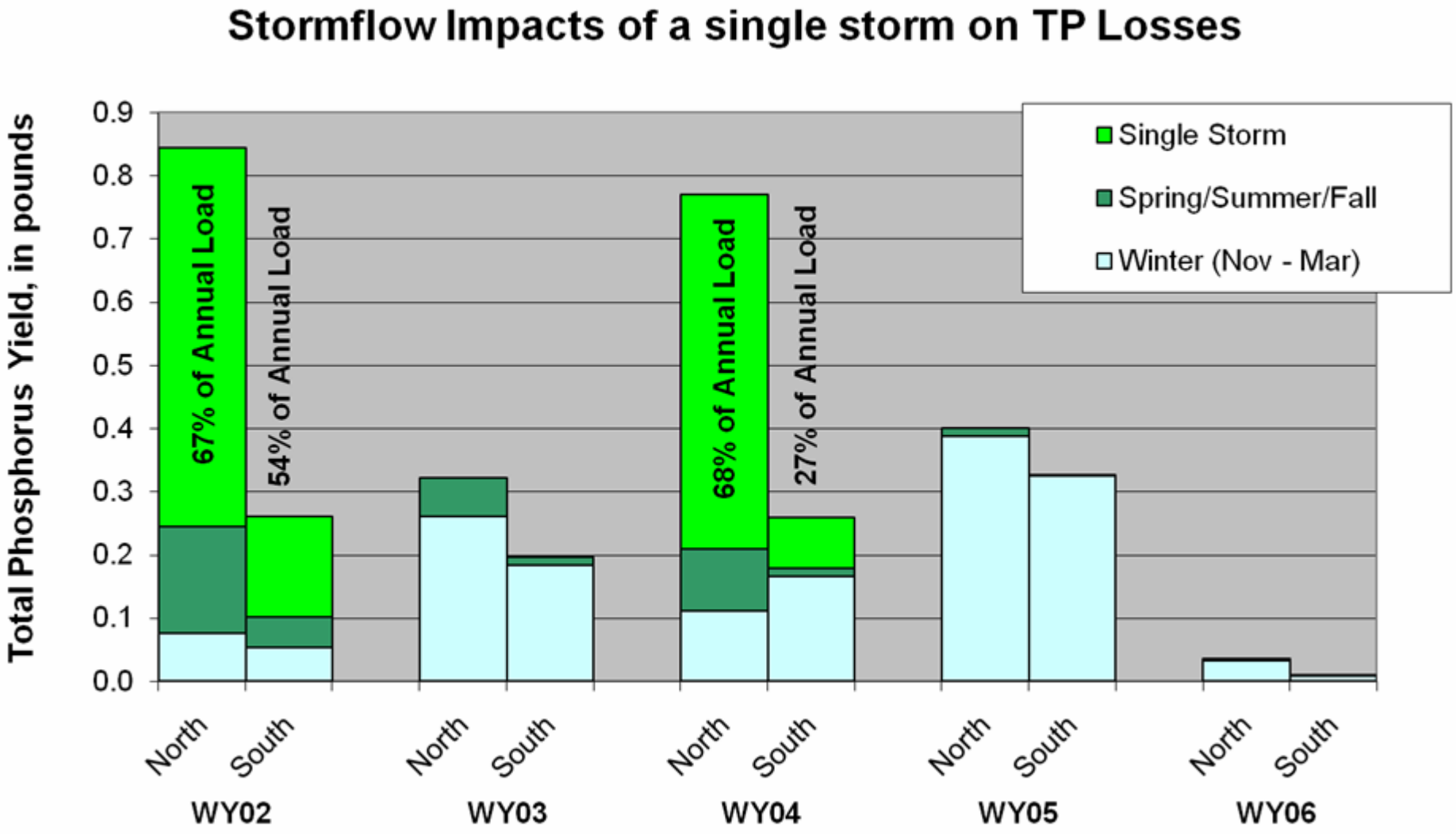
How much nitrogen?



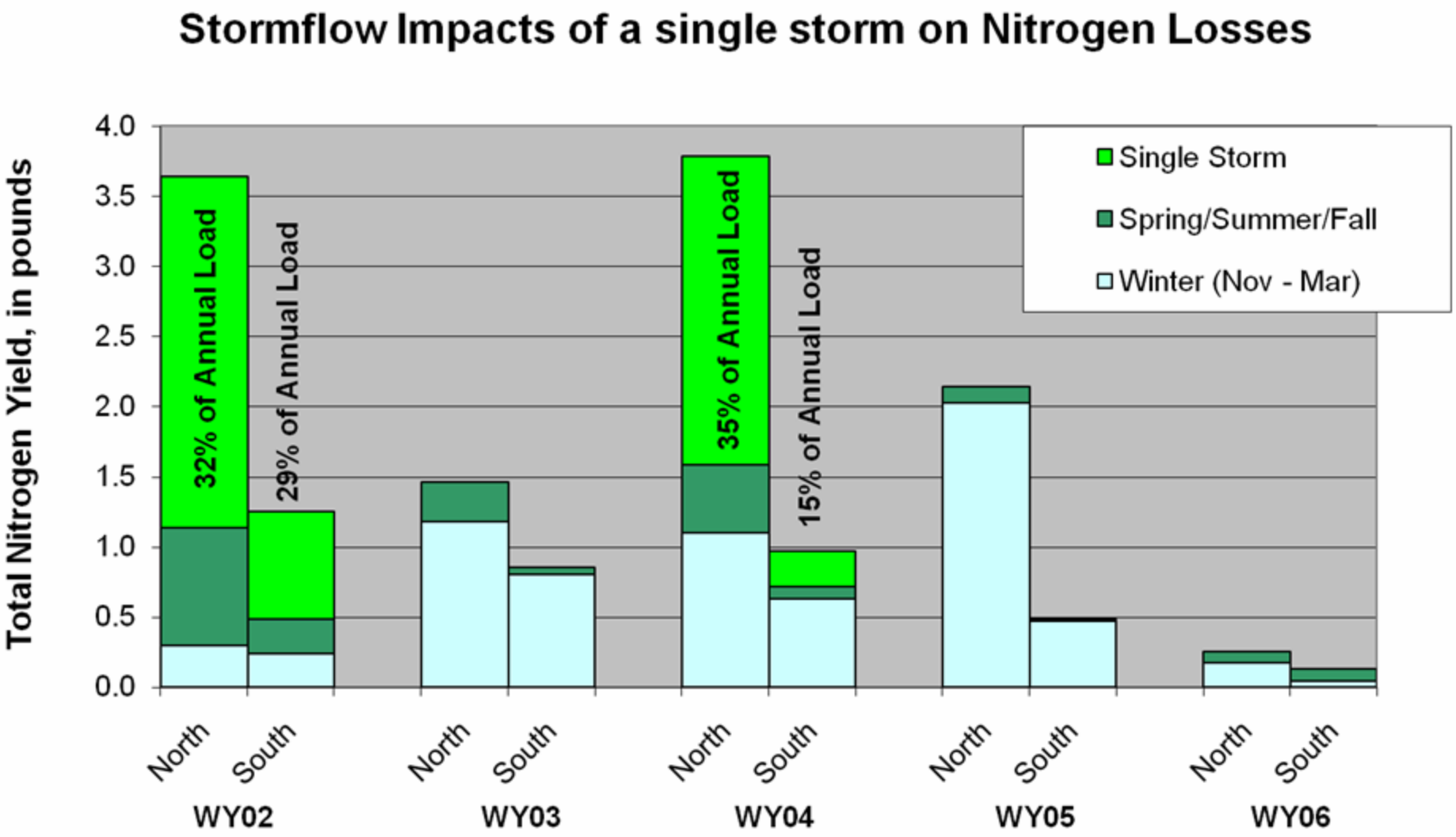
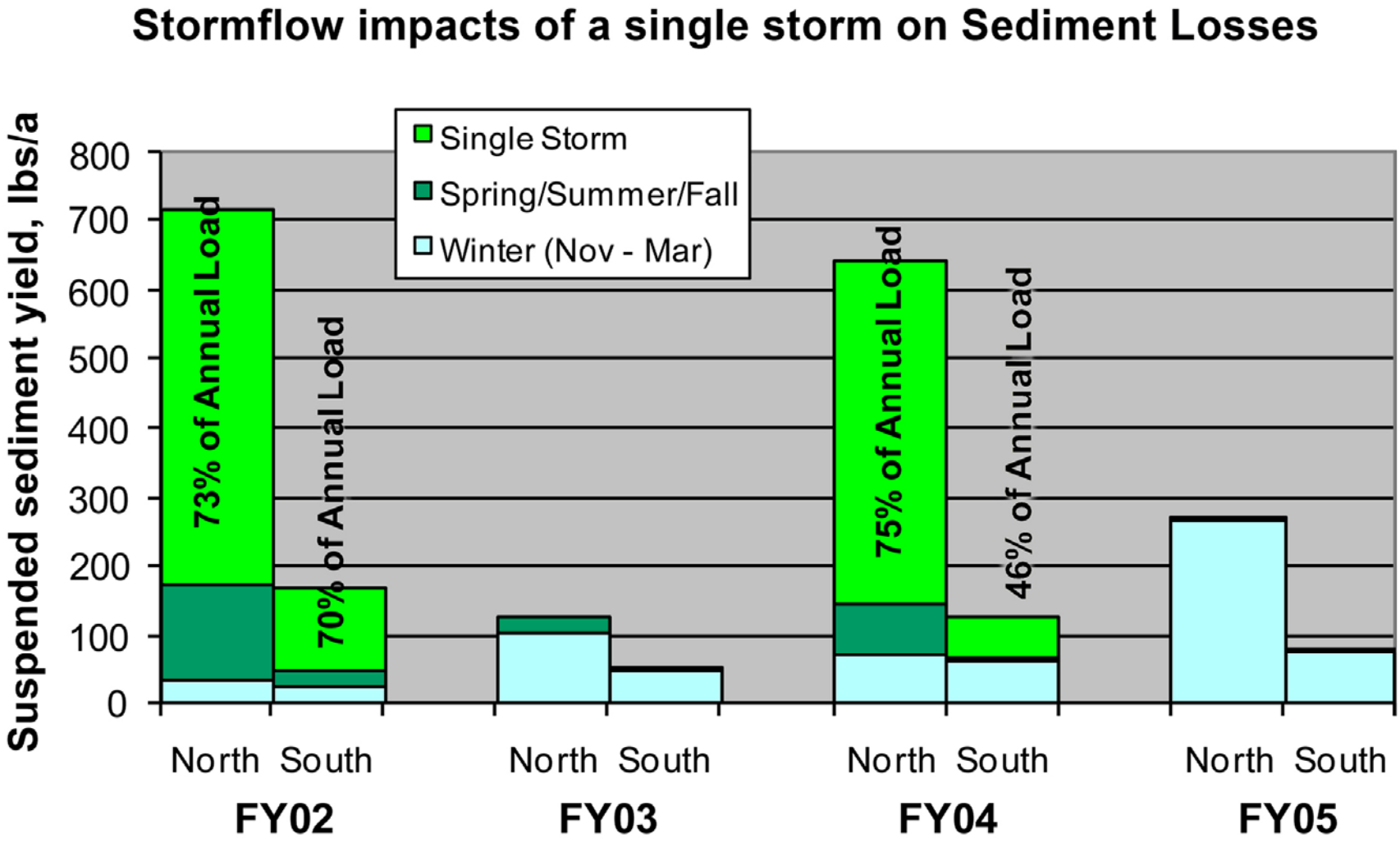
How much sediment?



How much phosphorus?



How much nitrogen?



How much sediment?