

22. SKIFTEPLAN

FAIRWAY partner: Ingrid Nesheim, Caroline Enge (NIVA, NO)



SKIFTEPLAN®

Brief description

Skifteplan is the most commonly used farm level DST for fertilizer application (N, P and K) on agricultural fields in Norway. The program calculates optimal fertilization rates, to avoid excess N and P in soils and runoff. Also used to keep track of what is grown on the fields year by year and other treatments / measures implemented: plant protection, soil cultivation, etc. The data can be exported to a climate calculator to estimate climate emissions. Used by farmer and agricultural advisers.

Contaminants covered (e.g. nitrate, pesticides etc.)	N, P, Ca, water (irrigation), pesticides
Intended end users (e.g. farmer, water quality manager, policy maker)	Farmers, agricultural advisers
Level of expertise and/or training required	Farmers and agricultural advisers
Geographical resolution (e.g. field, catchment, national)	Field
Temporal resolution (e.g. daily, annual, long-term).	Annual
Real-time component (e.g. live weather data, soil moisture data feeds etc.)	No, but includes a water balance component
Number and type of mitigation measures included	N and P balance
Platform (e.g. paper-based tool, phone app, bespoke software).	The platform is online (previously downloadable software/licenced product). There is also a smart phone app.
Frequency of updates	Last update 23.3.2021, regularly updated Smart phone app is regularly updated.
Cost/availability	Licensed. Registration fee 500 NOK. Online program: 700 NOK/year + 0,75 NOK/daa exceeding 400 daa (free 30 day trial) Smart phone app: one license 400 NOK/year, second license 200 NOK/year https://www.skifteplan.no/prisliste
Number of users or number of copies distributed/ downloaded/purchased	Approx. 2500 farmers, 300 advisers.
Links to demo material and other relevant information (e.g. user guides).	https://www.skifteplan.no/
Additional comments	

--	--

Skifteplan FAIRWAY partner: Ingrid Nesheim, Caroline Enge (NIVA, NO)		 SKIFTEPLAN®
Input data required to run the DST	Field and crop information, soil analysis, N, P and K content/needs, fertilizer information	
Outputs (including links to water quality and economic or financial aspects)	Optimal fertilization rates	
Age/provenance of supporting data used to develop the DST	First DOS-version developed in 1988	
Country-specific calibration or data requirements (including restrictions on use)	Adapted for Norwegian conditions	
Details of validation and testing	Information not available	
Date developed/released (or planned release date)	1996 / most recent version from 2018.	
Author/developer names and affiliations	Agromatic AS in collaboration with Norsk Landbruksrådgivning (Norwegian Agricultural Advisory), NIBIO and Yara	
Member state(s) where developed	NO (Norway)	
Member state(s) where currently used	NO (Norway)	
Key publication references	http://www.agromatic.no/skifteplan.html	

Skifteplan

FAIRWAY partner: Ingrid Nesheim, Caroline Enge (NIVA, NO)



SKIFTEPLAN®

Any other useful information (e.g. screenshots of DST input/outputs)

<https://www.skifteplan.no/produkter>

Flere kan ha tilgang til dataene - samtidig!

SKIFTEPLAN i skyen

Gjødselplan • Plantevernjournal • Dokumentasjon

Detaljert
og innholdsrik
kartdel

Presisjonslandbruk
Nøyaktig og smart utveksling
av data via traktorens
GPS-systemer

Utteksling av data
med Klimasmart Landbruk
og Gartnerhallen



SKIFTEPLAN MOBIL

Din digitale notisblokk koblet
mot SKIFTEPLAN i skyen!



SKIFTEPLAN MOBIL støtter alle
smarttelefoner og nettbrett.
Android og iPhone.

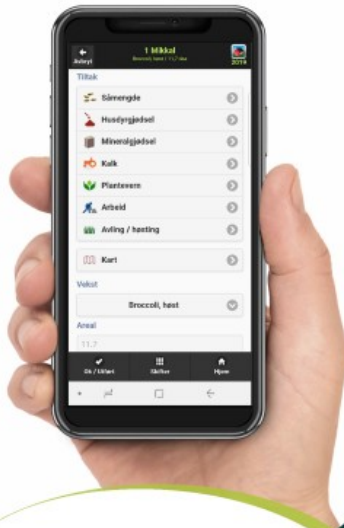


skifteplan.no



SKIFTEPLAN MOBIL

Koblet mot SKIFTEPLAN i skyen



Se din egen gjødselplan
Registrer jordprøvepunkter
Registrer hva du utfører

God dokumentasjon – bedre planlegging

skifteplan.no

